



GEOLOGICAL SURVEY OF CANADA

OPEN FILE 2867

Till geochemistry, Aylmer Lake, District of Mackenzie, Northwest Territories (NTS 76C)

L. Dredge, B. Ward, D. Kerr

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Till geochemistry, Aylmer Lake,
District of Mackenzie, Northwest Territories
(NTS 76 C)

*A contribution to Slave Province
National Mapping Program*

L. Dredge, B. Ward, and D. Kerr

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1994

This open file report is a data release relating to till geochemistry in the Aylmer Lake area (NTS 76 C). Terrain Sciences Division of the Geological Survey of Canada began field mapping of the Quaternary geology of the area in 1993 as part of the Slave NATMAP program. Open File 2798 (1994) is the first surficial geology map published for the area. Till sampling was an integral part of the project. One hundred and ninety-four samples of 1-kg size were taken and analyzed to characterize the composition of the glacial materials, and to establish regional background concentrations of various elements. Till from mud boils was the most common sample material but a small number of fine grained esker sediment samples, indicated with a S in the data release, were also collected. Elements, sample size fractions, analytical methods and detection limits are listed below. As part of this study, approximately 50 10-kg samples were also collected to kimberlite indicator minerals analysis; these data will be released as a separate open file.

| ELEMENT | Fraction | Detection Level | Method | ELEMENT | Fraction | Detection Level | Method |
|---------|----------|-----------------|---------|---------|----------|-----------------|---------|
| Ag | <63µm | 5 ppm | INAA | Lu | <63µm | 0.05 ppm | INAA |
| Ag | <2µm | 0.2ppm | ICP-AES | Mg | <2µm | 0.01 % | ICP-AES |
| Al | <2µm | 0.01% | ICP-AES | Mn | <2µm | 5 ppm | ICP-AES |
| As | <63µm | 0.5 ppm | INAA | Mo | <63µm | 1 ppm | INAA |
| As | <2µm | 2 ppm | ICP-AES | Mo | <2µm | 1 ppm | ICP-AES |
| Au | <63µm | 2 ppb | INAA | Na | <63µm | 0.01 % | INAA |
| Ba | <63µm | 50 ppm | INAA | Na | <2µm | 0.01 % | ICP-AES |
| Ba | <2µm | 10 ppm | ICP-AES | Nd | <63µm | 5 ppm | INAA |
| Be | <2µm | 0.5 ppm | ICP-AES | Ni | <63µm | 20 ppm | INAA |
| Bi | <2µm | 2 ppm | ICP-AES | Ni | <2µm | 1 ppm | ICP-AES |
| Br | <63µm | 0.5 ppm | INAA | Pb | <2µm | 2 ppm | ICP-AES |
| Ca | <63µm | 1 % | INAA | Rb | <63µm | 5 ppm | INAA |
| Ca | <2µm | 0.01 % | ICP-AES | Sb | <63µm | 0.1 ppm | INAA |
| Cd | <2µm | 0.5 ppm | ICP-AES | Sb | <2µm | 2 ppm | ICP-AES |
| Ce | <63µm | 3 ppm | INAA | Sc | <63µm | 0.1 ppm | INAA |
| Co | <63µm | 1 ppm | INAA | Sc | <2µm | 1 ppm | ICP-AES |
| Co | <2µm | 1 ppm | ICP-AES | Se | <63µm | 5 ppm | INAA |
| Cr | <63µm | 5 ppm | INAA | Sm | <63µm | 0.1 ppm | INAA |
| Cr | <2µm | 1 ppm | ICP-AES | Sn | <63µm | 100 ppm | INAA |
| Cs | <63µm | 1 ppm | INAA | Sr | <63µm | 500 ppm | INAA |
| Cu | <2µm | 1 ppm | ICP-AES | Sr | <2µm | 1 ppm | ICP-AES |
| Eu | <63µm | 0.2 ppm | INAA | Ta | <63µm | 0.5 ppm | INAA |
| Fe | <63µm | 0.01 % | INAA | Tb | <63µm | 0.5 ppm | INAA |
| Fe | <2µm | 0.01 % | ICP-AES | Th | <63µm | 0.2 ppm | INAA |
| Ga | <2µm | 10 ppm | ICP-AES | Ti | <2µm | 0.01 % | ICP-AES |
| Hf | <63µm | 1 ppm | INAA | U | <63µm | 0.5 ppm | INAA |
| Hg | <63µm | 1 ppm | INAA | V | <2µm | 1 ppm | ICP-AES |
| Hg | <2µm | 1 ppm | ICP-AES | W | <63µm | 1 ppm | INAA |
| Ir | <63µm | 5 ppm | INAA | Yb | <63µm | 0.2 ppm | INAA |
| K | <2µm | 0.01 % | ICP-AES | Zn | <63µm | 50 ppm | INAA |
| La | <63µm | 0.5 ppm | INAA | Zn | <2µm | 2 ppm | ICP-AES |
| La | <2µm | 10 ppm | ICP-AES | | | | |

Sample locations in UTM coordinates (Table 1) were determined in the field using a computerized global positioning system (GPS). Till samples were collected from depths of about 0.5m from hand dug pits. This depth corresponds to a position well below the soil layer, but above the summer frost table.

Till samples were centrifuged and decanted at the Terrain Sciences Sedimentology Laboratory, Geological Survey of Canada, to obtain the $<2\ \mu\text{m}$ (clay) fraction, which was sent to Chemex Labs, Mississauga. These clay-size separates were analyzed for thirty-two trace and minor elements by inductively coupled plasma and atomic emission spectroscopy (ICP-AES) after leaching with an aqua-regia solution. Aqua-regia digestion may be incomplete for aluminum, barium, beryllium, calcium, chromium, gallium, lanthanum, magnesium, potassium, scandium, sodium, strontium, thallium, titanium, and tungsten. Geochemical analyses are reported in Table 2, including data for duplicate samples and one laboratory standard. In all samples, thallium, uranium and tungsten concentrations were below the detection limit of 10 ppm, and thus were not included in the table. In addition, phosphorous concentrations were not listed since they were all very high with many exceeding maximum detection limits, likely resulting from contamination during processing

The $< 63\ \mu\text{m}$ (silt and clay) fraction of the till was prepared by dry sieving in the Terrain Sciences Sedimentology Laboratory, Geological Survey of Canada, and sent to Actlabs, Ancaster, for irradiation and analysis using instrumental neutron activation analysis (INAA) on approximately 30 gm aliquots. Geochemical results for thirty-five elements are presented in Table 3, including data for duplicate samples and one laboratory standard.

Digital copies of this report can be obtained from Geological Survey of Canada publications, Ottawa (613-995-3268).

1. Sample Locations

| Sample | Zone | Easting | Northing | Sample | Zone | Easting | Northing |
|-------------|------|---------|----------|-------------|------|---------|----------|
| 93BCW0040S2 | 12 | 479660 | 7113920 | 93BCW0152 | 12 | 572946 | 7159192 |
| 93BCW0040S3 | 12 | 479660 | 7113920 | 93BCW0153 | 12 | 588743 | 7167392 |
| 93BCW0099S1 | 12 | 527418 | 7193992 | 93BCW0154 | 12 | 619968 | 7189461 |
| 93BCW0101 | 12 | 548050 | 7185031 | 93BCW0155-A | 12 | 621850 | 7194073 |
| 93BCW0102 | 12 | 560813 | 7184049 | 93BCW0155-B | 12 | 621850 | 7194073 |
| 93BCW0103 | 12 | 561364 | 7188216 | 93BCW0156 | 12 | 620390 | 7198163 |
| 93BCW0104 | 12 | 555475 | 7205854 | 93BCW0157 | 12 | 628985 | 7209595 |
| 93BCW0105 | 12 | 566940 | 7204306 | 93BCW0158 | 12 | 633400 | 7208820 |
| 93BCW0106 | 12 | 567922 | 7200575 | 93BCW0159-A | 12 | 634143 | 7197950 |
| 93BCW0107 | 12 | 552631 | 7157021 | 93BCW0159-B | 12 | 634143 | 7197950 |
| 93BCW0108 | 12 | 550987 | 7165951 | 93BCW0160 | 12 | 638249 | 7187596 |
| 93BCW0109 | 12 | 562442 | 7173474 | 93BCW0161 | 12 | 596746 | 7166187 |
| 93BCW0110 | 12 | 567841 | 7176440 | 93BCW0162 | 12 | 600579 | 7189534 |
| 93BCW0113 | 12 | 562370 | 7162452 | 93BCW0163 | 12 | 595639 | 7191960 |
| 93BCW0114 | 12 | 566900 | 7155600 | 93BCW0164 | 12 | 607623 | 7198682 |
| 93BCW0115 | 12 | 568185 | 7145366 | 93BCW0165 | 12 | 606534 | 7184382 |
| 93BCW0116 | 12 | 571578 | 7137899 | 93BCW0166 | 12 | 608443 | 7179706 |
| 93BCW0117 | 12 | 573448 | 7127029 | 93BCW0166G | 12 | 608443 | 7179706 |
| 93BCW0118 | 12 | 555463 | 7119898 | 93BCW0167 | 12 | 613802 | 7170744 |
| 93BCW0120 | 12 | 560921 | 7141000 | 93BCW0168 | 12 | 590000 | 7157756 |
| 93BCW0121 | 12 | 553750 | 7133667 | 93BCW0169 | 12 | 583030 | 7150173 |
| 93BCW0131 | 12 | 553024 | 7113179 | 93BCW0170 | 12 | 573234 | 7151466 |
| 93BCW0132 | 12 | 562059 | 7098000 | 93BCW0171 | 12 | 578798 | 7142316 |
| 93BCW0133 | 12 | 560641 | 7109219 | 93BCW0172 | 12 | 591135 | 7146624 |
| 93BCW0135 | 12 | 572412 | 7114461 | 93BCW0173 | 12 | 589740 | 7133520 |
| 93BCW0136 | 12 | 576428 | 7123170 | 93BCW0174 | 12 | 588611 | 7128350 |
| 93BCW0138 | 12 | 574198 | 7207276 | 93BCW0175 | 12 | 623220 | 7158335 |
| 93BCW0139 | 12 | 592830 | 7206517 | 93BCW0176 | 12 | 619951 | 7174539 |
| 93BCW0140 | 12 | 618527 | 7117028 | 93BCW0177 | 12 | 629037 | 7181976 |
| 93BCW0141 | 12 | 626238 | 7114098 | 93BCW0178 | 12 | 630378 | 7174991 |
| 93BCW0142 | 12 | 638073 | 7113388 | 93BCW0179 | 12 | 638005 | 7174387 |
| 93BCW0143 | 12 | 638539 | 7123981 | 93BCW0180 | 12 | 640370 | 7161594 |
| 93BCW0144 | 12 | 642704 | 7132558 | 93BCW0181 | 12 | 630008 | 7151331 |
| 93BCW0145 | 12 | 629381 | 7139225 | 93BCW0182 | 12 | 598373 | 7114474 |
| 93BCW0146 | 12 | 626065 | 7140811 | 93BCW0183 | 12 | 603050 | 7101055 |
| 93BCW0148 | 12 | 589816 | 7198105 | 93BCW0184 | 12 | 611858 | 7118125 |
| 93BCW0149 | 12 | 569901 | 7180426 | 93BCW0185 | 12 | 599558 | 7125977 |
| 93BCW0150 | 12 | 576864 | 7177453 | 93BCW0186 | 12 | 595871 | 7138070 |
| 93BCW0151 | 12 | 584171 | 7175688 | 93BCW0187 | 12 | 587327 | 7120773 |

1. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|-----------|------|---------|----------|--|----------|------|---------|----------|
| 93BCW0188 | 12 | 590348 | 7122409 | | 93DU0620 | 12 | 577046 | 7114805 |
| 93BCW0189 | 12 | 581250 | 7124833 | | 93DU0621 | 12 | 577990 | 7132325 |
| 93BCW0190 | 12 | 585133 | 7113359 | | 93DU0628 | 12 | 578567 | 7194100 |
| 93BCW0191 | 12 | 575349 | 7106743 | | 93DU0629 | 12 | 577220 | 7202484 |
| 93BCW0192 | 12 | 580207 | 7100689 | | 93DU0630 | 12 | 583629 | 7205234 |
| 93BCW0193 | 12 | 592092 | 7102465 | | 93DU0631 | 12 | 619941 | 7104221 |
| 93BCW0194 | 12 | 595013 | 7121010 | | 93DU0632 | 12 | 629769 | 7116503 |
| 93BCW0195 | 12 | 608125 | 7137229 | | 93DU0633 | 12 | 641457 | 7107258 |
| 93BCW0196 | 12 | 599759 | 7141014 | | 93DU0634 | 12 | 640051 | 7128072 |
| 93BCW0197 | 12 | 597200 | 7147459 | | 93DU0635 | 12 | 639299 | 7136328 |
| 93BCW0198 | 12 | 599514 | 7153045 | | 93DU0636 | 12 | 639327 | 7142291 |
| 93BCW0199 | 12 | 606735 | 7164992 | | 93DU0637 | 12 | 626312 | 7144689 |
| 93BCW0200 | 12 | 607463 | 7157854 | | 93DU0638 | 12 | 619140 | 7144770 |
| 93BCW0202 | 12 | 615647 | 7156202 | | 93DU0640 | 12 | 588977 | 7180404 |
| 93BCW0203 | 12 | 611785 | 7148788 | | 93DU0641 | 12 | 586281 | 7191602 |
| 93DU0520 | 12 | 591410 | 7101150 | | 93DU0642 | 12 | 580985 | 7183198 |
| 93DU0590 | 12 | 556474 | 7183321 | | 93DU0643 | 12 | 576388 | 7170425 |
| 93DU0591 | 12 | 569246 | 7185967 | | 93DU0644 | 12 | 570782 | 7164856 |
| 93DU0592 | 12 | 555118 | 7193615 | | 93DU0645 | 12 | 584190 | 7166214 |
| 93DU0594 | 12 | 560931 | 7199975 | | 93DU0646 | 12 | 616466 | 7192950 |
| 93DU0595 | 12 | 571934 | 7201906 | | 93DU0647 | 12 | 626057 | 7195353 |
| 93DU0596 | 12 | 567346 | 7195954 | | 93DU0648 | 12 | 617173 | 7201745 |
| 93DU0597 | 12 | 550840 | 7160403 | | 93DU0649 | 12 | 632059 | 7203402 |
| 93DU0598 | 12 | 549891 | 7173449 | | 93DU0650 | 12 | 637174 | 7205831 |
| 93DU0599 | 12 | 556687 | 7173354 | | 93DU0651 | 12 | 638227 | 7193915 |
| 93DU0600 | 12 | 570683 | 7170665 | | 93DU0652 | 12 | 635123 | 7188514 |
| 93DU0601 | 12 | 557277 | 7163152 | | 93DU0653 | 12 | 625881 | 7187028 |
| 93DU0602 | 12 | 566399 | 7158909 | | 93DU0654 | 12 | 597391 | 7178166 |
| 93DU0603 | 12 | 559034 | 7155090 | | 93DU0655 | 12 | 596874 | 7187444 |
| 93DU0604 | 12 | 570694 | 7142437 | | 93DU0656 | 12 | 603955 | 7201831 |
| 93DU0605 | 12 | 568845 | 7132326 | | 93DU0657 | 12 | 609532 | 7191384 |
| 93DU0606 | 12 | 561304 | 7123767 | | 93DU0658 | 12 | 615168 | 7182685 |
| 93DU0607 | 12 | 562019 | 7128649 | | 93DU0659 | 12 | 609142 | 7172208 |
| 93DU0608 | 12 | 562690 | 7148961 | | 93DU0660 | 12 | 615848 | 7165998 |
| 93DU0609 | 12 | 550947 | 7127818 | | 93DU0661 | 12 | 594184 | 7155100 |
| 93DU0610 | 12 | 547903 | 7150620 | | 93DU0662 | 12 | 578456 | 7157170 |
| 93DU0616 | 12 | 551291 | 7101336 | | 93DU0663 | 12 | 573845 | 7146701 |
| 93DU0617 | 12 | 566854 | 7098598 | | 93DU0664 | 12 | 583112 | 7146086 |
| 93DU0618 | 12 | 558851 | 7116432 | | 93DU0665 | 12 | 592927 | 7142619 |
| 93DU0619 | 12 | 569489 | 7107047 | | 93DU0666 | 12 | 587702 | 7137164 |

1. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|-----------|------|---------|----------|--|----------|------|---------|----------|
| 93DU0667 | 12 | 585628 | 7132360 | | 93DU0685 | 12 | 585671 | 7105349 |
| 93DU0668 | 12 | 625318 | 7160235 | | 93DU0686 | 12 | 595010 | 7109464 |
| 93DU0669 | 12 | 623077 | 7178747 | | 93DU0687 | 12 | 592200 | 7117107 |
| 93DU0670 | 12 | 632407 | 7179074 | | 93DU0688 | 12 | 614014 | 7136824 |
| 93DU0670G | 12 | 632407 | 7179074 | | 93DU0689 | 12 | 601553 | 7145487 |
| 93DU0672 | 12 | 636212 | 7164711 | | 93DU0690 | 12 | 601245 | 7153049 |
| 93DU0673 | 12 | 636626 | 7150785 | | 93DU0691 | 12 | 600263 | 7162232 |
| 93DU0674 | 12 | 625926 | 7152093 | | 93DU0693 | 12 | 609166 | 7152169 |
| 93DU0675 | 12 | 596727 | 7102179 | | 93DU0695 | 12 | 618180 | 7151374 |
| 93DU0676 | 12 | 607966 | 7103732 | | 93DU0696 | 12 | 612637 | 7140453 |
| 93DU0677 | 12 | 606637 | 7119401 | | 93DU0698 | 12 | 572961 | 7122000 |
| 93DU0678 | 12 | 608729 | 7132403 | | 93DU0699 | 12 | 616785 | 7109968 |
| 93DU0679 | 12 | 602219 | 7133929 | | 93DU0700 | 12 | 620275 | 7121453 |
| 93DU0680 | 12 | 603089 | 7133538 | | 93DU0701 | 12 | 606593 | 7127448 |
| 93DU0681 | 12 | 594677 | 7129956 | | 93DU0702 | 12 | 606036 | 7142217 |
| 93DU0682 | 12 | 581774 | 7119413 | | 93DU0703 | 12 | 624630 | 7169029 |
| 93DU0683 | 12 | 581386 | 7112138 | | 93DU0704 | 12 | 622658 | 7136542 |
| 93DU0684 | 12 | 580627 | 7105501 | | 93DU0705 | 12 | 627875 | 7130366 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|-----------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|
| Detection limit | 0.2 | 0.01 | 2 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 | 10 | 1 |
| 93BCW0040S2 | <0.2 | 2.81 | 78 | 350 | <0.5 | 2 | 0.34 | <0.5 | 15 | 93 | 187 | 4.74 | 10 | 2 |
| 93BCW0040S3 | 0.2 | 1.25 | 48 | 110 | <0.5 | <2 | 0.13 | <0.5 | 7 | 40 | 50 | 2.07 | 10 | <1 |
| 93BCW0099S1 | <0.2 | 5.63 | 38 | 330 | <0.5 | <2 | 0.25 | <0.5 | 29 | 185 | 160 | 7.19 | 30 | <1 |
| 93BCW0101 | <0.2 | 4.41 | 8 | 250 | <0.5 | <2 | 0.23 | <0.5 | 33 | 138 | 75 | 5.58 | 30 | <1 |
| 93BCW0102 | <0.2 | 5.08 | 48 | 240 | <0.5 | <2 | 0.19 | <0.5 | 30 | 168 | 86 | 6.14 | 30 | <1 |
| 93BCW0103 | <0.2 | 4.90 | 130 | 290 | <0.5 | <2 | 0.21 | <0.5 | 34 | 187 | 180 | 7.09 | 30 | <1 |
| 93BCW0104 | <0.2 | 4.84 | 56 | 330 | <0.5 | <2 | 0.20 | <0.5 | 31 | 213 | 146 | 6.77 | 30 | <1 |
| 93BCW0105 | <0.2 | 5.28 | 72 | 240 | <0.5 | <2 | 0.15 | <0.5 | 39 | 204 | 171 | 7.55 | 30 | <1 |
| 93BCW0106 | <0.2 | 5.63 | 90 | 390 | <0.5 | <2 | 0.16 | <0.5 | 34 | 228 | 243 | 7.70 | 30 | 1 |
| 93BCW0107 | <0.2 | 4.60 | 68 | 270 | <0.5 | <2 | 0.23 | <0.5 | 37 | 182 | 185 | 6.92 | 30 | <1 |
| 93BCW0108 | <0.2 | 4.62 | 42 | 260 | <0.5 | <2 | 0.21 | <0.5 | 31 | 173 | 137 | 6.39 | 30 | <1 |
| 93BCW0109 | 0.2 | 3.90 | 48 | 160 | <0.5 | <2 | 0.18 | <0.5 | 38 | 97 | 83 | 4.56 | 20 | <1 |
| 93BCW0110 | <0.2 | 4.80 | 44 | 200 | <0.5 | <2 | 0.20 | <0.5 | 34 | 152 | 71 | 6.24 | 20 | <1 |
| 93BCW0113 | <0.2 | 5.41 | 78 | 250 | <0.5 | <2 | 0.16 | <0.5 | 33 | 183 | 172 | 7.16 | 20 | 2 |
| 93BCW0114 | <0.2 | 5.26 | 84 | 320 | <0.5 | <2 | 0.25 | <0.5 | 38 | 196 | 271 | 7.45 | 30 | <1 |
| 93BCW0115 | 0.4 | 4.66 | 92 | 150 | <0.5 | <2 | 0.18 | <0.5 | 27 | 119 | 138 | 4.81 | 10 | <1 |
| 93BCW0116 | <0.2 | 3.42 | 38 | 150 | <0.5 | <2 | 0.29 | <0.5 | 26 | 88 | 129 | 3.83 | 10 | <1 |
| 93BCW0117 | <0.2 | 4.64 | 116 | 230 | <0.5 | <2 | 0.24 | <0.5 | 26 | 127 | 210 | 5.64 | 20 | <1 |
| 93BCW0118 | <0.2 | 3.88 | 6 | 170 | <0.5 | <2 | 0.31 | <0.5 | 25 | 109 | 121 | 4.60 | 20 | <1 |
| 93BCW0120 | <0.2 | 4.58 | 48 | 260 | <0.5 | <2 | 0.23 | <0.5 | 26 | 158 | 160 | 5.88 | 30 | <1 |
| 93BCW0121 | <0.2 | 3.76 | 58 | 170 | <0.5 | 8 | 0.28 | <0.5 | 23 | 92 | 76 | 4.00 | 10 | <1 |
| 93BCW0131 | <0.2 | 3.71 | 28 | 190 | <0.5 | <2 | 0.39 | <0.5 | 23 | 110 | 127 | 4.35 | 20 | <1 |
| 93BCW0132 | <0.2 | 2.53 | 40 | 140 | <0.5 | <2 | 0.64 | <0.5 | 28 | 78 | 72 | 3.45 | 20 | <1 |
| 93BCW0133 | <0.2 | 3.16 | 30 | 160 | <0.5 | <2 | 0.30 | <0.5 | 26 | 84 | 108 | 3.47 | 20 | <1 |
| 93BCW0135 | <0.2 | 3.95 | 42 | 130 | <0.5 | <2 | 0.22 | <0.5 | 13 | 106 | 118 | 5.00 | 20 | <1 |
| 93BCW0136 | <0.2 | 3.63 | 22 | 160 | <0.5 | <2 | 0.30 | <0.5 | 33 | 116 | 120 | 4.81 | 30 | <1 |
| 93BCW0138 | <0.2 | 5.27 | 118 | 350 | <0.5 | <2 | 0.14 | <0.5 | 49 | 201 | 226 | 7.70 | 30 | <1 |
| 93BCW0139 | <0.2 | 5.42 | 116 | 360 | <0.5 | <2 | 0.17 | <0.5 | 43 | 217 | 248 | 7.97 | 30 | <1 |
| 93BCW0140 | <0.2 | 4.01 | <2 | 180 | <0.5 | <2 | 0.25 | <0.5 | 25 | 137 | 122 | 5.95 | 30 | <1 |
| 93BCW0141 | <0.2 | 4.02 | 8 | 170 | <0.5 | <2 | 0.26 | <0.5 | 20 | 145 | 93 | 5.72 | 30 | <1 |
| 93BCW0142 | <0.2 | 3.49 | 28 | 150 | <0.5 | <2 | 0.30 | <0.5 | 24 | 118 | 133 | 5.05 | 30 | <1 |
| 93BCW0143 | <0.2 | 2.91 | 8 | 140 | <0.5 | <2 | 0.33 | <0.5 | 26 | 152 | 106 | 4.42 | 20 | <1 |
| 93BCW0144 | <0.2 | 3.76 | 4 | 170 | <0.5 | <2 | 0.33 | <0.5 | 23 | 119 | 109 | 5.14 | 30 | <1 |
| 93BCW0145 | 0.2 | 1.85 | 2 | 90 | <0.5 | <2 | 0.47 | <0.5 | 16 | 62 | 49 | 2.73 | 20 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|-----------------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| Detection limit | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 2 | 2 | 1 | 1 | 0.01 | 1 | 2 |
| 93BCW0040S2 | 0.95 | 50 | 1.39 | 330 | 2 | 4.20 | 46 | 32 | 2 | 9 | 38 | 0.05 | 76 | 86 |
| 93BCW0040S3 | 0.28 | 20 | 0.51 | 165 | 2 | 2.64 | 21 | 14 | <2 | 3 | 11 | 0.01 | 33 | 34 |
| 93BCW0099S1 | 1.79 | 30 | 2.51 | 695 | 1 | 0.44 | 106 | 14 | <2 | 18 | 18 | 0.21 | 139 | 206 |
| 93BCW0101 | 1.16 | 30 | 1.91 | 620 | <1 | 0.47 | 70 | 8 | <2 | 13 | 14 | 0.13 | 106 | 152 |
| 93BCW0102 | 1.04 | 20 | 1.91 | 550 | 2 | 0.42 | 78 | 14 | <2 | 13 | 12 | 0.21 | 122 | 174 |
| 93BCW0103 | 1.53 | 30 | 2.41 | 635 | 2 | 0.57 | 112 | 16 | <2 | 18 | 13 | 0.23 | 138 | 182 |
| 93BCW0104 | 1.68 | 20 | 2.55 | 640 | 2 | 0.37 | 107 | 14 | <2 | 18 | 10 | 0.28 | 142 | 174 |
| 93BCW0105 | 1.00 | 20 | 2.05 | 620 | 6 | 0.61 | 106 | 14 | <2 | 16 | 11 | 0.20 | 157 | 166 |
| 93BCW0106 | 1.84 | 20 | 2.58 | 690 | 2 | 0.42 | 143 | 14 | <2 | 20 | 13 | 0.22 | 148 | 204 |
| 93BCW0107 | 1.39 | 30 | 2.25 | 710 | 2 | 0.44 | 129 | 16 | <2 | 16 | 14 | 0.22 | 128 | 202 |
| 93BCW0108 | 1.37 | 30 | 2.20 | 605 | <1 | 0.43 | 87 | 8 | <2 | 15 | 14 | 0.22 | 125 | 174 |
| 93BCW0109 | 0.91 | 20 | 1.37 | 705 | <1 | 2.04 | 70 | 14 | <2 | 9 | 11 | 0.03 | 65 | 148 |
| 93BCW0110 | 0.86 | 30 | 1.85 | 645 | 2 | 1.86 | 73 | 16 | <2 | 11 | 15 | 0.03 | 118 | 126 |
| 93BCW0113 | 1.10 | 20 | 2.01 | 525 | 4 | 1.29 | 115 | 16 | <2 | 14 | 13 | 0.06 | 135 | 166 |
| 93BCW0114 | 1.44 | 30 | 2.35 | 725 | 4 | 0.57 | 150 | 16 | <2 | 18 | 20 | 0.16 | 142 | 212 |
| 93BCW0115 | 0.61 | 20 | 1.03 | 380 | 3 | 4.47 | 66 | 16 | <2 | 9 | 11 | 0.03 | 77 | 82 |
| 93BCW0116 | 0.66 | 30 | 1.14 | 430 | 2 | 2.97 | 73 | 8 | <2 | 8 | 16 | 0.01 | 67 | 86 |
| 93BCW0117 | 0.91 | 30 | 1.46 | 445 | 7 | 1.52 | 87 | 20 | <2 | 12 | 20 | 0.04 | 97 | 100 |
| 93BCW0118 | 0.72 | 30 | 1.47 | 450 | 1 | 0.34 | 71 | 6 | <2 | 10 | 15 | 0.16 | 82 | 106 |
| 93BCW0120 | 1.20 | 30 | 1.97 | 525 | 3 | 0.40 | 82 | 14 | <2 | 14 | 13 | 0.20 | 116 | 136 |
| 93BCW0121 | 0.69 | 20 | 1.04 | 380 | 2 | 1.32 | 58 | 12 | 2 | 8 | 21 | 0.14 | 69 | 72 |
| 93BCW0131 | 0.86 | 30 | 1.45 | 445 | <1 | 0.42 | 71 | 8 | <2 | 11 | 19 | 0.06 | 81 | 94 |
| 93BCW0132 | 0.54 | 70 | 1.09 | 505 | 3 | 0.77 | 49 | 8 | 2 | 9 | 34 | 0.08 | 70 | 78 |
| 93BCW0133 | 0.61 | 30 | 1.14 | 385 | <1 | 1.06 | 71 | 10 | <2 | 8 | 14 | 0.05 | 62 | 80 |
| 93BCW0135 | 0.48 | 30 | 0.95 | 250 | 3 | 0.71 | 41 | 10 | <2 | 9 | 12 | 0.12 | 83 | 64 |
| 93BCW0136 | 0.71 | 40 | 1.52 | 670 | 2 | 0.49 | 69 | 10 | <2 | 10 | 18 | 0.13 | 89 | 116 |
| 93BCW0138 | 1.41 | 20 | 2.21 | 710 | 4 | 0.60 | 129 | 14 | <2 | 16 | 9 | 0.23 | 146 | 194 |
| 93BCW0139 | 1.57 | 30 | 2.61 | 740 | 6 | 0.47 | 135 | 20 | <2 | 18 | 11 | 0.24 | 149 | 264 |
| 93BCW0140 | 0.75 | 30 | 1.76 | 535 | 4 | 0.66 | 69 | 12 | <2 | 11 | 15 | 0.15 | 119 | 118 |
| 93BCW0141 | 0.70 | 30 | 1.74 | 420 | 2 | 0.55 | 65 | 6 | <2 | 10 | 13 | 0.17 | 117 | 130 |
| 93BCW0142 | 0.75 | 50 | 1.61 | 490 | 2 | 0.70 | 64 | 14 | <2 | 10 | 16 | 0.12 | 87 | 130 |
| 93BCW0143 | 0.74 | 50 | 1.93 | 500 | 3 | 0.73 | 87 | 12 | <2 | 8 | 16 | 0.07 | 80 | 126 |
| 93BCW0144 | 0.89 | 40 | 1.70 | 490 | 1 | 0.47 | 59 | 12 | <2 | 11 | 18 | 0.17 | 97 | 132 |
| 93BCW0145 | 0.51 | 60 | 0.91 | 370 | <1 | 0.58 | 33 | 12 | <2 | 7 | 23 | 0.04 | 57 | 70 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|-------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|
| 93BCW0146 | <0.2 | 3.28 | 2 | 160 | <0.5 | <2 | 0.36 | <0.5 | 21 | 111 | 89 | 4.61 | 30 | <1 |
| 93BCW0148 | <0.2 | 5.76 | 112 | 350 | <0.5 | <2 | 0.13 | <0.5 | 69 | 205 | 271 | 8.29 | 30 | <1 |
| 93BCW0149 | <0.2 | 4.09 | 66 | 250 | <0.5 | <2 | 0.23 | <0.5 | 31 | 165 | 116 | 5.88 | 30 | <1 |
| 93BCW0150 | <0.2 | 4.80 | 56 | 410 | <0.5 | <2 | 0.16 | <0.5 | 36 | 215 | 172 | 6.76 | 30 | <1 |
| 93BCW0151 | <0.2 | 3.98 | 80 | 240 | <0.5 | <2 | 0.24 | <0.5 | 37 | 163 | 164 | 6.31 | 30 | <1 |
| 93BCW0152 | <0.2 | 4.64 | 78 | 290 | <0.5 | <2 | 0.14 | <0.5 | 42 | 181 | 241 | 7.26 | 30 | <1 |
| 93BCW0153 | <0.2 | 4.52 | 62 | 270 | <0.5 | <2 | 0.19 | <0.5 | 36 | 178 | 185 | 7.03 | 30 | <1 |
| 93BCW0154 | <0.2 | 4.49 | 96 | 140 | <0.5 | <2 | 0.15 | <0.5 | 48 | 125 | 173 | 6.56 | 30 | <1 |
| 93BCW0155-A | <0.2 | 4.59 | 136 | 130 | <0.5 | <2 | 0.12 | <0.5 | 52 | 221 | 191 | 7.88 | 20 | 1 |
| 93BCW0155-B | <0.2 | 4.99 | 146 | 160 | <0.5 | <2 | 0.17 | <0.5 | 73 | 236 | 252 | 7.82 | 30 | <1 |
| 93BCW0156 | <0.2 | 4.94 | 128 | 190 | <0.5 | <2 | 0.25 | <0.5 | 40 | 167 | 283 | 7.76 | 30 | <1 |
| 93BCW0157 | <0.2 | 4.65 | 110 | 240 | <0.5 | <2 | 0.35 | <0.5 | 25 | 195 | 310 | 6.91 | 30 | <1 |
| 93BCW0158 | <0.2 | 4.32 | 110 | 150 | <0.5 | <2 | 0.29 | <0.5 | 27 | 144 | 216 | 6.42 | 20 | <1 |
| 93BCW0159-A | 0.2 | 4.13 | 68 | 120 | <0.5 | <2 | 0.23 | <0.5 | 37 | 97 | 119 | 5.25 | 30 | <1 |
| 93BCW0159-B | 0.2 | 4.12 | 62 | 100 | <0.5 | <2 | 0.16 | <0.5 | 20 | 92 | 79 | 5.24 | 20 | <1 |
| 93BCW0160 | 0.2 | 3.89 | 42 | 130 | <0.5 | <2 | 0.19 | <0.5 | 31 | 97 | 75 | 5.98 | 20 | <1 |
| 93BCW0161 | <0.2 | 4.63 | 72 | 200 | <0.5 | <2 | 0.30 | <0.5 | 26 | 165 | 179 | 7.20 | 30 | <1 |
| 93BCW0162 | <0.2 | 5.26 | 194 | 220 | <0.5 | <2 | 0.10 | <0.5 | 49 | 183 | 236 | 8.64 | 30 | <1 |
| 93BCW0163 | <0.2 | 5.62 | 92 | 380 | <0.5 | <2 | 0.17 | <0.5 | 64 | 218 | 288 | 8.37 | 30 | <1 |
| 93BCW0164 | <0.2 | 4.67 | 36 | 210 | <0.5 | <2 | 0.39 | <0.5 | 41 | 175 | 228 | 7.50 | 30 | <1 |
| 93BCW0165 | 0.2 | 3.90 | 62 | 120 | <0.5 | <2 | 0.32 | <0.5 | 43 | 105 | 143 | 5.84 | 30 | <1 |
| 93BCW0166 | <0.2 | 5.56 | 56 | 200 | <0.5 | <2 | 0.25 | <0.5 | 51 | 162 | 270 | 8.18 | 30 | <1 |
| 93BCW0166G | <0.2 | 2.36 | 38 | 170 | <0.5 | <2 | 0.08 | <0.5 | 9 | 133 | 122 | 15.00 | 10 | <1 |
| 93BCW0167 | <0.2 | 4.41 | 86 | 180 | <0.5 | <2 | 0.17 | <0.5 | 38 | 149 | 242 | 7.09 | 20 | <1 |
| 93BCW0168 | <0.2 | 4.55 | 30 | 160 | <0.5 | <2 | 0.17 | <0.5 | 27 | 156 | 92 | 6.54 | 20 | <1 |
| 93BCW0169 | <0.2 | 4.07 | 28 | 200 | <0.5 | <2 | 0.20 | <0.5 | 31 | 154 | 137 | 5.93 | 20 | <1 |
| 93BCW0170 | <0.2 | 5.34 | 38 | 330 | <0.5 | <2 | 0.18 | <0.5 | 38 | 203 | 190 | 7.29 | 30 | <1 |
| 93BCW0171 | <0.2 | 5.44 | 138 | 390 | <0.5 | <2 | 0.18 | <0.5 | 35 | 196 | 194 | 7.55 | 20 | <1 |
| 93BCW0172 | <0.2 | 4.63 | 14 | 230 | <0.5 | <2 | 0.27 | <0.5 | 33 | 166 | 158 | 6.50 | 30 | <1 |
| 93BCW0173 | <0.2 | 3.53 | 38 | 150 | <0.5 | <2 | 0.38 | <0.5 | 26 | 118 | 171 | 4.74 | 20 | <1 |
| 93BCW0174 | <0.2 | 4.02 | 78 | 190 | <0.5 | <2 | 0.30 | <0.5 | 29 | 119 | 162 | 4.90 | 20 | <1 |
| 93BCW0175 | <0.2 | 4.14 | 20 | 180 | <0.5 | <2 | 0.29 | <0.5 | 26 | 127 | 147 | 5.60 | 30 | <1 |
| 93BCW0176 | <0.2 | 5.06 | 86 | 300 | <0.5 | <2 | 0.30 | <0.5 | 28 | 175 | 232 | 7.83 | 30 | <1 |
| 93BCW0177 | <0.2 | 4.16 | 120 | 140 | <0.5 | <2 | 0.20 | <0.5 | 65 | 128 | 176 | 7.43 | 20 | <1 |
| 93BCW0178 | <0.2 | 4.65 | 54 | 210 | <0.5 | <2 | 0.29 | <0.5 | 30 | 145 | 206 | 7.41 | 30 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|-------------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93BCW0146 | 0.96 | 40 | 1.61 | 530 | 2 | 0.37 | 57 | 14 | <2 | 11 | 18 | 0.18 | 86 | 122 |
| 93BCW0148 | 1.39 | 30 | 2.20 | 885 | 6 | 0.63 | 139 | 20 | <2 | 17 | 10 | 0.12 | 147 | 170 |
| 93BCW0149 | 1.31 | 20 | 2.06 | 610 | 1 | 0.35 | 93 | 20 | <2 | 15 | 12 | 0.22 | 118 | 152 |
| 93BCW0150 | 1.77 | 20 | 2.47 | 625 | 1 | 0.45 | 116 | 12 | <2 | 19 | 11 | 0.24 | 149 | 170 |
| 93BCW0151 | 1.27 | 30 | 2.10 | 735 | 3 | 0.44 | 105 | 14 | <2 | 14 | 11 | 0.20 | 121 | 166 |
| 93BCW0152 | 1.32 | 20 | 2.20 | 755 | 2 | 0.40 | 122 | 18 | <2 | 16 | 11 | 0.20 | 137 | 196 |
| 93BCW0153 | 1.27 | 30 | 2.27 | 765 | 1 | 0.41 | 105 | 16 | <2 | 16 | 12 | 0.23 | 132 | 176 |
| 93BCW0154 | 0.53 | 30 | 1.65 | 725 | 3 | 0.41 | 100 | 16 | <2 | 9 | 13 | 0.13 | 92 | 124 |
| 93BCW0155-A | 0.46 | 30 | 1.75 | 595 | 4 | 0.59 | 132 | 14 | <2 | 9 | 10 | 0.13 | 108 | 120 |
| 93BCW0155-B | 0.59 | 30 | 2.03 | 795 | 5 | 0.52 | 192 | 18 | <2 | 10 | 13 | 0.14 | 102 | 148 |
| 93BCW0156 | 0.88 | 40 | 1.97 | 725 | 3 | 0.52 | 169 | 16 | <2 | 14 | 16 | 0.12 | 108 | 206 |
| 93BCW0157 | 0.99 | 40 | 2.30 | 510 | <1 | 0.49 | 149 | 16 | <2 | 15 | 20 | 0.12 | 105 | 194 |
| 93BCW0158 | 0.80 | 40 | 2.03 | 485 | 2 | 0.44 | 140 | 14 | <2 | 12 | 18 | 0.11 | 90 | 202 |
| 93BCW0159-A | 0.37 | 60 | 1.09 | 455 | <1 | 0.50 | 106 | 12 | <2 | 8 | 18 | 0.11 | 78 | 126 |
| 93BCW0159-B | 0.27 | 30 | 0.84 | 285 | 1 | 0.73 | 58 | 8 | <2 | 7 | 13 | 0.10 | 75 | 80 |
| 93BCW0160 | 0.47 | 30 | 1.12 | 630 | 2 | 0.67 | 59 | 14 | <2 | 9 | 15 | 0.12 | 97 | 84 |
| 93BCW0161 | 1.21 | 40 | 2.26 | 595 | 2 | 0.50 | 98 | 10 | <2 | 15 | 16 | 0.19 | 119 | 184 |
| 93BCW0162 | 0.77 | 20 | 1.64 | 720 | 6 | 0.52 | 124 | 14 | <2 | 14 | 10 | 0.20 | 158 | 146 |
| 93BCW0163 | 1.55 | 20 | 2.39 | 925 | 6 | 0.61 | 161 | 12 | <2 | 18 | 10 | 0.11 | 157 | 202 |
| 93BCW0164 | 0.95 | 40 | 2.39 | 790 | 12 | 0.54 | 109 | 16 | <2 | 14 | 14 | 0.12 | 129 | 262 |
| 93BCW0165 | 0.52 | 50 | 1.54 | 760 | 3 | 0.47 | 81 | 12 | <2 | 10 | 17 | 0.15 | 86 | 114 |
| 93BCW0166 | 0.85 | 40 | 2.03 | 910 | 3 | 0.44 | 106 | 22 | <2 | 16 | 15 | 0.20 | 128 | 194 |
| 93BCW0166G | 0.96 | 10 | 1.20 | 345 | 3 | 0.49 | 43 | 36 | <2 | 12 | 36 | 0.03 | 118 | 104 |
| 93BCW0167 | 0.85 | 30 | 1.57 | 620 | 3 | 0.67 | 111 | 6 | <2 | 13 | 10 | 0.15 | 116 | 140 |
| 93BCW0168 | 0.65 | 30 | 1.84 | 455 | 1 | 0.48 | 77 | 8 | <2 | 11 | 10 | 0.16 | 123 | 132 |
| 93BCW0169 | 0.93 | 30 | 1.86 | 580 | 2 | 0.41 | 87 | 8 | <2 | 12 | 12 | 0.18 | 109 | 138 |
| 93BCW0170 | 1.69 | 30 | 2.44 | 785 | 4 | 0.41 | 107 | 16 | <2 | 18 | 15 | 0.25 | 142 | 196 |
| 93BCW0171 | 1.39 | 20 | 2.22 | 535 | 4 | 0.74 | 108 | 14 | <2 | 16 | 11 | 0.03 | 134 | 138 |
| 93BCW0172 | 1.16 | 30 | 2.05 | 605 | 3 | 0.62 | 90 | 16 | <2 | 14 | 16 | 0.06 | 124 | 166 |
| 93BCW0173 | 0.75 | 50 | 1.49 | 505 | 6 | 0.59 | 75 | 12 | <2 | 12 | 19 | 0.10 | 86 | 112 |
| 93BCW0174 | 0.77 | 30 | 1.57 | 435 | 1 | 0.40 | 88 | 6 | <2 | 10 | 14 | 0.15 | 86 | 106 |
| 93BCW0175 | 0.80 | 40 | 1.69 | 495 | 3 | 0.47 | 71 | 14 | <2 | 11 | 17 | 0.18 | 103 | 124 |
| 93BCW0176 | 1.28 | 40 | 2.40 | 610 | 2 | 0.44 | 130 | 12 | <2 | 15 | 19 | 0.18 | 121 | 236 |
| 93BCW0177 | 0.57 | 30 | 1.69 | 1275 | 5 | 0.66 | 96 | 16 | <2 | 9 | 11 | 0.13 | 96 | 152 |
| 93BCW0178 | 0.93 | 30 | 2.28 | 795 | 1 | 0.38 | 113 | 4 | <2 | 13 | 16 | 0.14 | 106 | 162 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|
| 93BCW0179 | <0.2 | 5.87 | 132 | 170 | <0.5 | <2 | 0.24 | <0.5 | 106 | 168 | 251 | 7.26 | 30 | 1 |
| 93BCW0180 | <0.2 | 4.24 | 40 | 190 | <0.5 | <2 | 0.19 | <0.5 | 24 | 163 | 177 | 5.64 | 30 | <1 |
| 93BCW0181 | <0.2 | 3.34 | 24 | 150 | <0.5 | <2 | 0.23 | <0.5 | 31 | 116 | 70 | 4.88 | 20 | <1 |
| 93BCW0182 | <0.2 | 4.59 | 108 | 200 | <0.5 | <2 | 0.34 | <0.5 | 38 | 133 | 168 | 5.37 | 30 | <1 |
| 93BCW0183 | <0.2 | 3.60 | <2 | 170 | <0.5 | <2 | 0.28 | <0.5 | 21 | 111 | 103 | 4.53 | 20 | <1 |
| 93BCW0184 | <0.2 | 3.61 | 12 | 150 | <0.5 | <2 | 0.29 | <0.5 | 17 | 108 | 89 | 4.59 | 20 | <1 |
| 93BCW0185 | <0.2 | 5.02 | 30 | 320 | <0.5 | <2 | 0.24 | <0.5 | 35 | 199 | 212 | 6.96 | 30 | <1 |
| 93BCW0186 | <0.2 | 4.89 | 72 | 300 | <0.5 | <2 | 0.28 | <0.5 | 50 | 167 | 208 | 5.94 | 20 | <1 |
| 93BCW0187 | <0.2 | 4.40 | 36 | 190 | <0.5 | <2 | 0.31 | <0.5 | 28 | 112 | 99 | 4.62 | 20 | <1 |
| 93BCW0188 | <0.2 | 3.80 | 42 | 180 | <0.5 | <2 | 0.39 | <0.5 | 22 | 103 | 180 | 5.23 | 20 | <1 |
| 93BCW0189 | <0.2 | 9.05 | 112 | 370 | <0.5 | <2 | 0.64 | <0.5 | 48 | 272 | 302 | 11.82 | 40 | 2 |
| 93BCW0190 | <0.2 | 3.75 | 28 | 170 | <0.5 | <2 | 0.32 | <0.5 | 19 | 107 | 84 | 4.73 | 20 | <1 |
| 93BCW0191 | <0.2 | 4.60 | 30 | 180 | <0.5 | <2 | 0.27 | <0.5 | 20 | 109 | 112 | 4.66 | 20 | <1 |
| 93BCW0192 | <0.2 | 2.87 | 20 | 140 | <0.5 | <2 | 0.41 | <0.5 | 27 | 93 | 96 | 4.10 | 20 | <1 |
| 93BCW0193 | <0.2 | 3.10 | 6 | 140 | <0.5 | <2 | 0.43 | <0.5 | 21 | 100 | 94 | 3.94 | 20 | <1 |
| 93BCW0194 | <0.2 | 3.84 | 2 | 170 | <0.5 | <2 | 0.37 | <0.5 | 24 | 127 | 150 | 5.19 | 20 | <1 |
| 93BCW0195 | <0.2 | 5.27 | 34 | 150 | <0.5 | <2 | 0.14 | <0.5 | 21 | 144 | 114 | 6.76 | 30 | <1 |
| 93BCW0196 | <0.2 | 4.30 | 20 | 160 | <0.5 | <2 | 0.27 | <0.5 | 21 | 170 | 112 | 5.93 | 30 | <1 |
| 93BCW0197 | <0.2 | 4.46 | 24 | 170 | <0.5 | <2 | 0.17 | <0.5 | 29 | 136 | 160 | 5.87 | 20 | <1 |
| 93BCW0198 | <0.2 | 3.91 | 20 | 250 | <0.5 | <2 | 0.29 | <0.5 | 27 | 152 | 95 | 5.43 | 30 | <1 |
| 93BCW0199 | <0.2 | 4.85 | 56 | 260 | <0.5 | <2 | 0.29 | <0.5 | 29 | 187 | 177 | 7.16 | 30 | <1 |
| 93BCW0200 | <0.2 | 5.56 | 16 | 210 | <0.5 | <2 | 0.32 | <0.5 | 43 | 147 | 85 | 6.04 | 30 | <1 |
| 93BCW0202 | <0.2 | 5.78 | 40 | 200 | <0.5 | <2 | 0.25 | <0.5 | 58 | 149 | 148 | 6.75 | 30 | <1 |
| 93BCW0203 | <0.2 | 4.75 | 8 | 260 | <0.5 | <2 | 0.27 | <0.5 | 28 | 186 | 167 | 6.73 | 30 | <1 |
| 93DU0520 | <0.2 | 4.08 | 146 | 180 | <0.5 | <2 | 0.21 | <0.5 | 30 | 125 | 161 | 5.03 | <10 | <1 |
| 93DU0590 | <0.2 | 5.63 | 36 | 360 | <0.5 | <2 | 0.20 | <0.5 | 31 | 212 | 127 | 7.31 | <10 | <1 |
| 93DU0591 | <0.2 | 5.67 | 58 | 310 | <0.5 | <2 | 0.22 | <0.5 | 31 | 217 | 140 | 7.50 | <10 | <1 |
| 93DU0592 | <0.2 | 5.51 | 80 | 270 | <0.5 | <2 | 0.17 | <0.5 | 37 | 206 | 165 | 7.38 | <10 | <1 |
| 93DU0594 | <0.2 | 6.34 | 84 | 500 | <0.5 | <2 | 0.17 | <0.5 | 40 | 241 | 309 | 8.06 | <10 | 1 |
| 93DU0595 | <0.2 | 4.84 | 78 | 200 | <0.5 | <2 | 0.15 | <0.5 | 27 | 168 | 134 | 6.73 | <10 | <1 |
| 93DU0596 | <0.2 | 5.13 | 58 | 240 | <0.5 | <2 | 0.12 | <0.5 | 26 | 187 | 140 | 7.39 | <10 | <1 |
| 93DU0597 | <0.2 | 4.73 | 72 | 270 | <0.5 | <2 | 0.19 | <0.5 | 41 | 194 | 182 | 6.80 | <10 | <1 |
| 93DU0598 | 0.2 | 4.68 | 66 | 200 | <0.5 | <2 | 0.20 | <0.5 | 21 | 172 | 180 | 5.55 | <10 | 1 |
| 93DU0599 | <0.2 | 5.13 | 68 | 200 | <0.5 | <2 | 0.20 | <0.5 | 48 | 142 | 130 | 6.62 | <10 | <1 |
| 93DU0600 | <0.2 | 5.08 | 42 | 290 | <0.5 | <2 | 0.24 | 0.5 | 38 | 189 | 169 | 7.18 | <10 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|-----------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93BCW0179 | 0.75 | 50 | 1.94 | 1535 | 6 | 0.56 | 171 | 16 | 4 | 12 | 16 | 0.19 | 106 | 130 |
| 93BCW0180 | 0.86 | 40 | 1.54 | 360 | 3 | 0.89 | 82 | 14 | <2 | 11 | 12 | 0.13 | 117 | 122 |
| 93BCW0181 | 0.71 | 20 | 1.42 | 620 | 2 | 0.55 | 58 | 10 | <2 | 8 | 13 | 0.14 | 93 | 114 |
| 93BCW0182 | 0.75 | 40 | 1.62 | 580 | 2 | 0.47 | 107 | 6 | <2 | 12 | 21 | 0.21 | 101 | 106 |
| 93BCW0183 | 0.62 | 30 | 1.39 | 415 | <1 | 0.53 | 55 | 6 | <2 | 10 | 17 | 0.16 | 87 | 92 |
| 93BCW0184 | 0.48 | 30 | 1.23 | 330 | 2 | 0.47 | 49 | 4 | <2 | 9 | 18 | 0.18 | 87 | 76 |
| 93BCW0185 | 1.52 | 30 | 2.42 | 740 | 4 | 0.44 | 99 | 14 | <2 | 17 | 18 | 0.26 | 131 | 174 |
| 93BCW0186 | 1.24 | 30 | 2.06 | 635 | 2 | 0.58 | 129 | 10 | <2 | 14 | 16 | 0.17 | 114 | 142 |
| 93BCW0187 | 0.71 | 30 | 1.29 | 450 | 2 | 0.49 | 67 | 12 | 2 | 9 | 19 | 0.18 | 84 | 88 |
| 93BCW0188 | 0.59 | 60 | 1.20 | 430 | 7 | 1.19 | 61 | 26 | <2 | 9 | 32 | 0.13 | 87 | 88 |
| 93BCW0189 | 1.24 | 80 | 2.80 | 635 | 9 | 1.12 | 178 | 24 | 4 | 22 | 43 | 0.38 | 228 | 206 |
| 93BCW0190 | 0.60 | 30 | 1.18 | 325 | 2 | 0.62 | 52 | 12 | <2 | 10 | 17 | 0.11 | 86 | 72 |
| 93BCW0191 | 0.67 | 20 | 1.24 | 355 | 1 | 0.60 | 57 | 6 | 2 | 10 | 17 | 0.17 | 85 | 88 |
| 93BCW0192 | 0.57 | 40 | 1.34 | 480 | <1 | 0.44 | 60 | 12 | <2 | 9 | 24 | 0.14 | 77 | 100 |
| 93BCW0193 | 0.59 | 40 | 1.30 | 440 | 2 | 0.32 | 54 | 12 | <2 | 10 | 22 | 0.16 | 81 | 88 |
| 93BCW0194 | 0.77 | 40 | 1.64 | 530 | 4 | 0.46 | 65 | 12 | <2 | 12 | 19 | 0.20 | 94 | 114 |
| 93BCW0195 | 0.63 | 30 | 1.41 | 355 | 7 | 0.87 | 57 | 22 | <2 | 11 | 15 | 0.11 | 125 | 124 |
| 93BCW0196 | 0.68 | 30 | 1.71 | 425 | 2 | 0.45 | 69 | 10 | <2 | 13 | 17 | 0.20 | 122 | 122 |
| 93BCW0197 | 0.61 | 30 | 1.22 | 400 | 3 | 0.95 | 77 | 8 | <2 | 10 | 13 | 0.14 | 106 | 92 |
| 93BCW0198 | 1.23 | 30 | 1.89 | 540 | 1 | 0.42 | 75 | 12 | <2 | 13 | 18 | 0.22 | 104 | 148 |
| 93BCW0199 | 1.33 | 30 | 2.32 | 700 | 3 | 0.43 | 103 | 8 | <2 | 16 | 17 | 0.24 | 130 | 176 |
| 93BCW0200 | 0.82 | 30 | 1.94 | 985 | <1 | 0.58 | 81 | 14 | <2 | 12 | 24 | 0.23 | 106 | 146 |
| 93BCW0202 | 0.77 | 30 | 1.73 | 875 | 3 | 0.47 | 115 | 8 | <2 | 12 | 18 | 0.23 | 110 | 124 |
| 93BCW0203 | 1.20 | 30 | 2.15 | 630 | 3 | 0.53 | 91 | 12 | <2 | 16 | 18 | 0.25 | 130 | 150 |
| 93DU0520 | 0.73 | 30 | 1.42 | 415 | 3 | 2.69 | 82 | 14 | <2 | 10 | 13 | 0.02 | 83 | 102 |
| 93DU0590 | 1.87 | 30 | 2.56 | 695 | 2 | 0.51 | 101 | 16 | <2 | 19 | 14 | 0.27 | 149 | 202 |
| 93DU0591 | 1.46 | 30 | 2.48 | 630 | 2 | 0.63 | 112 | 12 | <2 | 18 | 14 | 0.25 | 151 | 176 |
| 93DU0592 | 1.41 | 30 | 2.23 | 645 | 3 | 0.70 | 117 | 10 | <2 | 18 | 12 | 0.24 | 149 | 162 |
| 93DU0594 | 2.04 | 30 | 2.85 | 735 | 4 | 0.51 | 163 | 18 | <2 | 21 | 18 | 0.28 | 158 | 250 |
| 93DU0595 | 0.67 | 30 | 1.64 | 405 | 2 | 1.06 | 77 | 8 | <2 | 12 | 12 | 0.09 | 126 | 110 |
| 93DU0596 | 0.88 | 20 | 1.72 | 435 | 5 | 0.73 | 72 | 18 | <2 | 14 | 11 | 0.25 | 153 | 132 |
| 93DU0597 | 1.21 | 30 | 2.23 | 695 | 3 | 0.47 | 113 | 18 | <2 | 16 | 12 | 0.24 | 129 | 172 |
| 93DU0598 | 1.00 | 40 | 1.92 | 360 | 7 | 1.24 | 77 | 18 | <2 | 14 | 17 | 0.07 | 138 | 154 |
| 93DU0599 | 0.80 | 30 | 1.63 | 755 | 3 | 0.98 | 93 | 18 | <2 | 11 | 14 | 0.12 | 115 | 138 |
| 93DU0600 | 1.26 | 30 | 2.30 | 780 | 2 | 0.46 | 115 | 12 | <2 | 16 | 18 | 0.22 | 132 | 182 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|
| 93DU0601 | <0.2 | 4.96 | 54 | 240 | <0.5 | <2 | 0.22 | <0.5 | 30 | 186 | 122 | 6.77 | <10 | <1 |
| 93DU0602 | <0.2 | 4.25 | 80 | 250 | <0.5 | <2 | 0.18 | <0.5 | 39 | 163 | 128 | 6.10 | <10 | <1 |
| 93DU0603 | <0.2 | 5.24 | 70 | 270 | <0.5 | <2 | 0.15 | <0.5 | 42 | 162 | 159 | 7.21 | <10 | <1 |
| 93DU0604 | <0.2 | 5.05 | 86 | 190 | <0.5 | <2 | 0.24 | <0.5 | 33 | 138 | 166 | 6.74 | <10 | <1 |
| 93DU0605 | <0.2 | 4.39 | 8 | 190 | <0.5 | <2 | 0.33 | 0.5 | 26 | 129 | 89 | 5.07 | <10 | <1 |
| 93DU0606 | <0.2 | 3.68 | 16 | 180 | <0.5 | <2 | 0.37 | <0.5 | 17 | 99 | 73 | 3.96 | <10 | <1 |
| 93DU0607 | <0.2 | 4.40 | 24 | 220 | <0.5 | <2 | 0.34 | <0.5 | 23 | 125 | 119 | 5.18 | <10 | <1 |
| 93DU0608 | <0.2 | 5.77 | 102 | 280 | <0.5 | <2 | 0.16 | <0.5 | 47 | 196 | 265 | 8.10 | <10 | <1 |
| 93DU0609 | 0.2 | 4.60 | 56 | 170 | 0.5 | <2 | 0.24 | <0.5 | 21 | 102 | 145 | 4.69 | <10 | <1 |
| 93DU0610 | <0.2 | 4.47 | 8 | 210 | <0.5 | <2 | 0.19 | <0.5 | 22 | 138 | 91 | 5.65 | <10 | <1 |
| 93DU0616 | 0.2 | 4.70 | 50 | 290 | <0.5 | <2 | 0.38 | <0.5 | 27 | 121 | 125 | 4.69 | <10 | <1 |
| 93DU0617 | 0.2 | 3.56 | 40 | 170 | <0.5 | <2 | 0.31 | <0.5 | 19 | 110 | 92 | 4.54 | <10 | <1 |
| 93DU0618 | 0.2 | 4.01 | 30 | 140 | 1.0 | <2 | 0.23 | <0.5 | 12 | 93 | 104 | 4.63 | <10 | <1 |
| 93DU0619 | 0.4 | 3.74 | 52 | 170 | 0.5 | <2 | 0.33 | 0.5 | 20 | 98 | 121 | 4.23 | <10 | <1 |
| 93DU0620 | <0.2 | 3.86 | 100 | 220 | 0.5 | <2 | 0.37 | <0.5 | 31 | 114 | 115 | 4.89 | <10 | <1 |
| 93DU0621 | 0.2 | 4.08 | 30 | 100 | <0.5 | <2 | 0.24 | 0.5 | 20 | 84 | 94 | 4.09 | <10 | <1 |
| 93DU0628 | <0.2 | 4.78 | 62 | 310 | <0.5 | <2 | 0.26 | <0.5 | 31 | 174 | 186 | 6.29 | <10 | <1 |
| 93DU0629 | <0.2 | 5.81 | 38 | 440 | <0.5 | <2 | 0.17 | 0.5 | 52 | 233 | 238 | 7.27 | <10 | <1 |
| 93DU0630 | <0.2 | 5.50 | 142 | 300 | <0.5 | <2 | 0.13 | <0.5 | 32 | 204 | 175 | 7.71 | <10 | <1 |
| 93DU0631 | <0.2 | 3.80 | 4 | 160 | <0.5 | <2 | 0.54 | <0.5 | 26 | 110 | 113 | 5.72 | <10 | <1 |
| 93DU0632 | <0.2 | 3.30 | 2 | 160 | <0.5 | <2 | 0.40 | <0.5 | 23 | 110 | 106 | 4.52 | <10 | <1 |
| 93DU0633 | <0.2 | 3.67 | 18 | 170 | <0.5 | <2 | 0.46 | <0.5 | 36 | 118 | 158 | 5.63 | <10 | <1 |
| 93DU0634 | <0.2 | 4.32 | 16 | 140 | <0.5 | <2 | 0.17 | <0.5 | 19 | 161 | 111 | 6.04 | <10 | <1 |
| 93DU0635 | <0.2 | 2.78 | <2 | 100 | 1.5 | <2 | 0.28 | <0.5 | 17 | 58 | 41 | 3.34 | <10 | <1 |
| 93DU0636 | <0.2 | 3.00 | 4 | 130 | 1.0 | <2 | 0.30 | <0.5 | 24 | 118 | 68 | 3.07 | <10 | <1 |
| 93DU0637 | <0.2 | 4.12 | 8 | 220 | <0.5 | <2 | 0.39 | <0.5 | 27 | 157 | 112 | 5.56 | <10 | <1 |
| 93DU0638 | <0.2 | 4.15 | 14 | 230 | <0.5 | <2 | 0.39 | <0.5 | 25 | 157 | 99 | 5.51 | <10 | <1 |
| 93DU0640 | <0.2 | 5.02 | 58 | 290 | <0.5 | <2 | 0.24 | <0.5 | 42 | 179 | 138 | 6.43 | <10 | <1 |
| 93DU0641 | <0.2 | 5.40 | 84 | 340 | <0.5 | <2 | 0.27 | <0.5 | 32 | 217 | 216 | 7.53 | <10 | <1 |
| 93DU0642 | <0.2 | 4.64 | 62 | 290 | <0.5 | <2 | 0.34 | <0.5 | 37 | 178 | 136 | 6.43 | <10 | <1 |
| 93DU0643 | <0.2 | 4.64 | 44 | 240 | <0.5 | <2 | 0.24 | <0.5 | 40 | 159 | 124 | 6.33 | <10 | <1 |
| 93DU0644 | <0.2 | 5.79 | 64 | 280 | <0.5 | <2 | 0.22 | <0.5 | 36 | 202 | 166 | 7.53 | <10 | <1 |
| 93DU0645 | <0.2 | 5.33 | 64 | 270 | <0.5 | <2 | 0.32 | <0.5 | 38 | 193 | 203 | 7.59 | <10 | <1 |
| 93DU0646 | <0.2 | 4.99 | 36 | 190 | <0.5 | <2 | 0.37 | <0.5 | 54 | 147 | 322 | 7.21 | <10 | <1 |
| 93DU0647 | <0.2 | 5.37 | 138 | 210 | <0.5 | <2 | 0.18 | <0.5 | 36 | 196 | 391 | 10.00 | <10 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|----------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93DU0601 | 1.01 | 30 | 2.16 | 580 | 1 | 0.48 | 96 | 6 | <2 | 14 | 15 | 0.22 | 131 | 156 |
| 93DU0602 | 0.97 | 20 | 1.85 | 615 | 3 | 0.41 | 91 | 14 | <2 | 12 | 12 | 0.21 | 112 | 144 |
| 93DU0603 | 0.72 | 30 | 1.58 | 615 | 4 | 0.74 | 91 | 12 | <2 | 12 | 13 | 0.20 | 124 | 134 |
| 93DU0604 | 0.65 | 30 | 1.37 | 545 | 4 | 0.93 | 73 | 24 | <2 | 12 | 17 | 0.12 | 106 | 100 |
| 93DU0605 | 0.79 | 30 | 1.49 | 465 | 2 | 0.51 | 72 | 8 | <2 | 10 | 25 | 0.19 | 90 | 106 |
| 93DU0606 | 0.66 | 30 | 1.33 | 370 | <1 | 2.14 | 53 | 6 | <2 | 8 | 21 | 0.02 | 72 | 84 |
| 93DU0607 | 0.85 | 30 | 1.64 | 440 | 1 | 0.61 | 70 | 6 | <2 | 10 | 27 | 0.18 | 88 | 114 |
| 93DU0608 | 1.25 | 30 | 2.13 | 695 | 6 | 0.65 | 135 | 26 | <2 | 17 | 14 | 0.23 | 150 | 174 |
| 93DU0609 | 0.58 | 30 | 1.12 | 380 | 3 | 2.19 | 57 | 10 | <2 | 9 | 17 | 0.09 | 76 | 78 |
| 93DU0610 | 0.76 | 20 | 1.61 | 410 | 3 | 0.79 | 58 | 16 | <2 | 11 | 15 | 0.21 | 111 | 128 |
| 93DU0616 | 1.18 | 20 | 1.51 | 425 | 1 | 0.56 | 85 | 6 | <2 | 12 | 38 | 0.23 | 92 | 102 |
| 93DU0617 | 0.61 | 30 | 1.33 | 365 | 2 | 0.46 | 56 | 6 | <2 | 10 | 19 | 0.16 | 93 | 80 |
| 93DU0618 | 0.49 | 20 | 0.89 | 230 | 5 | 0.73 | 40 | 10 | <2 | 9 | 21 | 0.16 | 73 | 64 |
| 93DU0619 | 0.67 | 30 | 1.11 | 355 | <1 | 1.21 | 56 | 12 | <2 | 8 | 21 | 0.05 | 69 | 74 |
| 93DU0620 | 0.84 | 30 | 1.52 | 430 | 2 | 0.88 | 90 | 8 | <2 | 11 | 18 | 0.07 | 85 | 104 |
| 93DU0621 | 0.35 | 30 | 0.88 | 305 | 1 | 0.81 | 51 | 8 | <2 | 7 | 13 | 0.13 | 68 | 62 |
| 93DU0628 | 1.54 | 30 | 2.18 | 610 | 2 | 0.31 | 119 | 14 | <2 | 16 | 17 | 0.23 | 115 | 186 |
| 93DU0629 | 1.91 | 20 | 2.55 | 705 | 4 | 0.52 | 127 | 16 | <2 | 22 | 12 | 0.29 | 155 | 174 |
| 93DU0630 | 1.04 | 20 | 1.95 | 460 | 4 | 0.54 | 95 | 12 | <2 | 16 | 12 | 0.26 | 157 | 142 |
| 93DU0631 | 0.71 | 40 | 1.85 | 550 | 3 | 0.53 | 69 | 10 | <2 | 12 | 26 | 0.17 | 113 | 136 |
| 93DU0632 | 0.78 | 40 | 1.64 | 485 | 2 | 0.42 | 65 | 6 | <2 | 10 | 21 | 0.16 | 82 | 122 |
| 93DU0633 | 0.73 | 60 | 1.67 | 655 | 3 | 1.03 | 84 | 12 | <2 | 12 | 25 | 0.10 | 107 | 144 |
| 93DU0634 | 0.48 | 30 | 1.45 | 325 | 7 | 0.65 | 73 | 12 | <2 | 9 | 13 | 0.19 | 119 | 100 |
| 93DU0635 | 0.72 | 50 | 1.20 | 460 | <1 | 0.45 | 38 | 18 | <2 | 6 | 13 | 0.08 | 49 | 140 |
| 93DU0636 | 0.61 | 30 | 1.22 | 455 | 1 | 1.40 | 58 | 16 | <2 | 7 | 13 | 0.02 | 60 | 98 |
| 93DU0637 | 1.35 | 40 | 2.06 | 620 | 2 | 0.54 | 77 | 12 | <2 | 14 | 21 | 0.22 | 106 | 148 |
| 93DU0638 | 1.33 | 40 | 2.08 | 610 | 1 | 0.41 | 75 | 8 | <2 | 14 | 20 | 0.25 | 107 | 148 |
| 93DU0640 | 1.11 | 30 | 2.08 | 640 | 2 | 0.98 | 106 | 8 | <2 | 14 | 16 | 0.06 | 108 | 162 |
| 93DU0641 | 1.75 | 30 | 2.59 | 680 | 3 | 0.46 | 131 | 10 | <2 | 19 | 17 | 0.27 | 137 | 208 |
| 93DU0642 | 1.35 | 30 | 2.33 | 750 | 1 | 0.39 | 98 | 10 | <2 | 15 | 17 | 0.27 | 122 | 170 |
| 93DU0643 | 0.91 | 20 | 1.80 | 720 | 2 | 0.64 | 84 | 10 | <2 | 13 | 15 | 0.21 | 120 | 136 |
| 93DU0644 | 1.32 | 20 | 2.36 | 630 | 4 | 0.53 | 110 | 14 | 2 | 17 | 17 | 0.25 | 155 | 184 |
| 93DU0645 | 1.42 | 40 | 2.43 | 745 | 5 | 0.61 | 119 | 16 | <2 | 16 | 20 | 0.25 | 136 | 196 |
| 93DU0646 | 0.82 | 40 | 2.12 | 880 | 12 | 0.74 | 117 | 24 | <2 | 13 | 17 | 0.21 | 116 | 234 |
| 93DU0647 | 0.65 | 80 | 2.51 | 585 | 8 | 0.44 | 122 | 38 | <2 | 14 | 26 | 0.15 | 123 | 198 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|
| 93DU0648 | <0.2 | 4.74 | 212 | 180 | <0.5 | <2 | 0.18 | <0.5 | 43 | 163 | 329 | 9.16 | <10 | <1 |
| 93DU0649 | 0.2 | 4.71 | 56 | 160 | <0.5 | <2 | 0.24 | <0.5 | 33 | 160 | 90 | 5.82 | 20 | <1 |
| 93DU0650 | <0.2 | 4.29 | 134 | 160 | <0.5 | <2 | 0.26 | 0.5 | 36 | 132 | 195 | 7.26 | 20 | <1 |
| 93DU0651 | 0.2 | 4.05 | 68 | 120 | <0.5 | <2 | 0.15 | <0.5 | 27 | 93 | 96 | 6.88 | 10 | <1 |
| 93DU0652 | <0.2 | 4.59 | 224 | 190 | <0.5 | <2 | 0.18 | <0.5 | 36 | 127 | 291 | 8.26 | 20 | <1 |
| 93DU0653 | 0.2 | 6.13 | 186 | 230 | <0.5 | <2 | 0.28 | <0.5 | 123 | 131 | 227 | 8.23 | 20 | <1 |
| 93DU0654 | <0.2 | 5.39 | 150 | 250 | <0.5 | <2 | 0.27 | <0.5 | 46 | 191 | 242 | 8.19 | 30 | <1 |
| 93DU0655 | <0.2 | 4.80 | 120 | 250 | <0.5 | <2 | 0.29 | <0.5 | 66 | 167 | 200 | 6.91 | 20 | <1 |
| 93DU0656 | <0.2 | 5.84 | 102 | 260 | <0.5 | 4 | 0.32 | <0.5 | 62 | 182 | 238 | 7.87 | 20 | <1 |
| 93DU0657 | <0.2 | 3.21 | 34 | 110 | <0.5 | <2 | 0.42 | 0.5 | 32 | 81 | 84 | 3.65 | 20 | <1 |
| 93DU0658 | <0.2 | 5.25 | 46 | 120 | <0.5 | <2 | 0.21 | <0.5 | 30 | 121 | 149 | 5.95 | 30 | <1 |
| 93DU0659 | <0.2 | 4.86 | 80 | 230 | <0.5 | 4 | 0.32 | <0.5 | 34 | 171 | 180 | 7.15 | 20 | <1 |
| 93DU0660 | 0.2 | 5.50 | 86 | 180 | <0.5 | <2 | 0.21 | <0.5 | 34 | 173 | 169 | 8.08 | 30 | <1 |
| 93DU0661 | <0.2 | 4.82 | 18 | 320 | <0.5 | 2 | 0.25 | <0.5 | 38 | 179 | 161 | 6.53 | 20 | <1 |
| 93DU0662 | <0.2 | 5.28 | 80 | 260 | <0.5 | <2 | 0.17 | <0.5 | 44 | 180 | 166 | 7.28 | 20 | <1 |
| 93DU0663 | <0.2 | 4.25 | 68 | 220 | <0.5 | <2 | 0.32 | <0.5 | 31 | 125 | 130 | 5.09 | 20 | <1 |
| 93DU0664 | <0.2 | 2.80 | 20 | 130 | <0.5 | <2 | 0.43 | <0.5 | 18 | 93 | 74 | 3.75 | 20 | <1 |
| 93DU0665 | <0.2 | 4.97 | 48 | 190 | <0.5 | <2 | 0.26 | <0.5 | 27 | 181 | 122 | 6.55 | 20 | <1 |
| 93DU0666 | <0.2 | 4.03 | 22 | 190 | <0.5 | 2 | 0.38 | 0.5 | 36 | 107 | 150 | 4.72 | 20 | <1 |
| 93DU0667 | 0.4 | 5.55 | 48 | 260 | <0.5 | <2 | 0.44 | <0.5 | 37 | 118 | 222 | 5.07 | 20 | <1 |
| 93DU0668 | <0.2 | 3.28 | 28 | 230 | <0.5 | <2 | 0.24 | <0.5 | 29 | 139 | 107 | 4.45 | 20 | <1 |
| 93DU0669 | <0.2 | 4.73 | 70 | 160 | <0.5 | <2 | 0.21 | <0.5 | 47 | 111 | 154 | 6.28 | 20 | <1 |
| 93DU0670 | 0.2 | 3.96 | <2 | 180 | <0.5 | <2 | 0.25 | <0.5 | 27 | 155 | 202 | 6.71 | 20 | <1 |
| 93DU0670G | 1.0 | 1.58 | 26 | 60 | <0.5 | <2 | 0.03 | <0.5 | 2 | 26 | 91 | 15.00 | 10 | <1 |
| 93DU0672 | <0.2 | 2.34 | 24 | 120 | <0.5 | <2 | 0.31 | <0.5 | 17 | 87 | 48 | 3.19 | 10 | <1 |
| 93DU0673 | <0.2 | 2.58 | 14 | 150 | <0.5 | <2 | 0.35 | <0.5 | 20 | 85 | 45 | 3.31 | 10 | <1 |
| 93DU0674 | <0.2 | 4.87 | 40 | 310 | <0.5 | <2 | 0.30 | <0.5 | 32 | 191 | 158 | 6.61 | 20 | <1 |
| 93DU0675 | <0.2 | 1.60 | 2 | 90 | <0.5 | <2 | 0.33 | <0.5 | 13 | 56 | 53 | 2.37 | 10 | <1 |
| 93DU0676 | <0.2 | 3.79 | 12 | 160 | <0.5 | <2 | 0.31 | <0.5 | 23 | 90 | 82 | 4.19 | 10 | <1 |
| 93DU0677 | <0.2 | 5.26 | 16 | 280 | <0.5 | <2 | 0.44 | <0.5 | 37 | 134 | 169 | 5.54 | 20 | <1 |
| 93DU0678 | <0.2 | 3.55 | 34 | 200 | <0.5 | <2 | 0.35 | <0.5 | 22 | 105 | 102 | 4.20 | 10 | <1 |
| 93DU0679 | <0.2 | 3.44 | 28 | 170 | <0.5 | <2 | 0.32 | <0.5 | 29 | 119 | 161 | 4.56 | 10 | <1 |
| 93DU0680 | <0.2 | 4.34 | 36 | 150 | <0.5 | <2 | 0.28 | <0.5 | 21 | 123 | 106 | 4.90 | 20 | <1 |
| 93DU0681 | <0.2 | 3.13 | 26 | 160 | <0.5 | <2 | 0.48 | <0.5 | 25 | 78 | 90 | 3.51 | 10 | <1 |
| 93DU0682 | <0.2 | 3.95 | 30 | 180 | <0.5 | <2 | 0.26 | <0.5 | 23 | 127 | 150 | 5.27 | 20 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|-----------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93DU0648 | 0.50 | 40 | 1.63 | 580 | 7 | 0.89 | 104 | 24 | <2 | 10 | 21 | 0.12 | 97 | 134 |
| 93DU0649 | 0.56 | 30 | 1.67 | 540 | 2 | 0.50 | 82 | 22 | 8 | 10 | 17 | 0.16 | 96 | 152 |
| 93DU0650 | 0.51 | 40 | 1.40 | 565 | 3 | 0.81 | 106 | 26 | 8 | 11 | 17 | 0.13 | 128 | 112 |
| 93DU0651 | 0.37 | 20 | 0.87 | 450 | 4 | 0.68 | 48 | 14 | 8 | 8 | 16 | 0.14 | 92 | 64 |
| 93DU0652 | 0.74 | 40 | 2.18 | 640 | 3 | 0.39 | 173 | 12 | 6 | 12 | 15 | 0.09 | 93 | 220 |
| 93DU0653 | 0.81 | 40 | 1.76 | 1990 | 6 | 1.01 | 158 | 36 | 8 | 12 | 31 | 0.15 | 93 | 164 |
| 93DU0654 | 1.23 | 30 | 2.19 | 810 | 6 | 1.03 | 137 | 26 | 4 | 18 | 16 | 0.11 | 150 | 190 |
| 93DU0655 | 0.89 | 40 | 1.98 | 975 | 4 | 1.49 | 122 | 22 | 4 | 13 | 19 | 0.07 | 117 | 148 |
| 93DU0656 | 0.97 | 30 | 2.26 | 915 | 10 | 0.78 | 132 | 32 | 8 | 15 | 17 | 0.19 | 136 | 234 |
| 93DU0657 | 0.47 | 50 | 1.32 | 670 | 2 | 2.24 | 57 | 12 | 8 | 7 | 19 | 0.03 | 62 | 108 |
| 93DU0658 | 0.54 | 70 | 1.54 | 640 | 4 | 0.86 | 64 | 26 | 4 | 9 | 18 | 0.22 | 111 | 102 |
| 93DU0659 | 1.20 | 30 | 2.39 | 690 | 2 | 0.46 | 106 | 18 | 6 | 16 | 20 | 0.20 | 125 | 170 |
| 93DU0660 | 0.69 | 30 | 1.69 | 520 | 8 | 0.81 | 88 | 20 | 10 | 13 | 17 | 0.22 | 140 | 110 |
| 93DU0661 | 1.41 | 30 | 2.40 | 705 | 2 | 0.52 | 106 | 18 | 12 | 16 | 17 | 0.20 | 131 | 184 |
| 93DU0662 | 1.12 | 20 | 2.05 | 760 | 3 | 0.69 | 91 | 20 | 8 | 15 | 14 | 0.21 | 143 | 140 |
| 93DU0663 | 0.95 | 20 | 1.65 | 475 | 3 | 0.73 | 77 | 14 | 8 | 11 | 19 | 0.19 | 95 | 146 |
| 93DU0664 | 0.63 | 40 | 1.35 | 415 | 1 | 1.91 | 47 | 14 | 8 | 8 | 22 | 0.03 | 78 | 90 |
| 93DU0665 | 0.79 | 30 | 1.95 | 465 | 4 | 1.91 | 78 | 26 | 2 | 13 | 18 | 0.06 | 149 | 140 |
| 93DU0666 | 0.76 | 30 | 1.51 | 560 | 2 | 1.09 | 74 | 12 | 8 | 9 | 27 | 0.13 | 86 | 102 |
| 93DU0667 | 0.95 | 40 | 1.60 | 570 | 2 | 0.89 | 88 | 22 | 6 | 11 | 41 | 0.19 | 91 | 108 |
| 93DU0668 | 1.11 | 20 | 1.75 | 490 | 2 | 0.26 | 69 | 14 | 6 | 12 | 13 | 0.21 | 99 | 104 |
| 93DU0669 | 0.79 | 40 | 1.78 | 815 | 3 | 2.00 | 86 | 20 | 6 | 11 | 19 | 0.04 | 95 | 142 |
| 93DU0670 | 0.57 | 40 | 1.61 | 415 | 5 | 0.74 | 68 | 8 | 8 | 9 | 16 | 0.14 | 154 | 80 |
| 93DU0670G | 2.91 | <10 | 0.39 | 105 | 2 | 1.91 | <1 | 8 | 24 | 7 | 39 | 0.02 | 144 | 32 |
| 93DU0672 | 0.53 | 30 | 1.04 | 350 | 1 | 0.39 | 38 | 12 | 2 | 7 | 16 | 0.07 | 65 | 70 |
| 93DU0673 | 0.79 | 40 | 1.13 | 395 | 1 | 0.56 | 43 | 8 | 4 | 8 | 14 | 0.06 | 70 | 72 |
| 93DU0674 | 1.60 | 30 | 2.56 | 680 | 3 | 0.34 | 108 | 2 | 8 | 16 | 19 | 0.24 | 135 | 156 |
| 93DU0675 | 0.41 | 20 | 0.84 | 310 | 1 | 0.17 | 34 | 6 | 2 | 6 | 13 | 0.08 | 47 | 54 |
| 93DU0676 | 0.57 | 20 | 1.18 | 370 | 1 | 0.60 | 52 | 12 | 2 | 8 | 25 | 0.14 | 80 | 72 |
| 93DU0677 | 1.01 | 40 | 1.87 | 650 | 6 | 0.62 | 86 | 20 | 2 | 13 | 39 | 0.24 | 109 | 116 |
| 93DU0678 | 0.72 | 20 | 1.36 | 395 | 3 | 0.85 | 59 | 12 | 6 | 8 | 26 | 0.07 | 78 | 80 |
| 93DU0679 | 0.74 | 20 | 1.49 | 485 | 3 | 1.34 | 68 | 18 | 6 | 8 | 20 | 0.06 | 85 | 98 |
| 93DU0680 | 0.52 | 30 | 1.25 | 355 | 4 | 0.77 | 50 | 8 | <2 | 9 | 22 | 0.15 | 95 | 92 |
| 93DU0681 | 0.69 | 40 | 1.28 | 425 | 1 | 0.84 | 60 | 16 | 8 | 8 | 31 | 0.08 | 65 | 92 |
| 93DU0682 | 0.80 | 30 | 1.68 | 480 | 6 | 0.52 | 69 | 20 | 6 | 12 | 15 | 0.18 | 103 | 108 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|--------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|
| 93DU0683 | <0.2 | 3.46 | 40 | 240 | <0.5 | <2 | 0.34 | <0.5 | 23 | 99 | 147 | 4.20 | 10 | <1 |
| 93DU0684 | 0.2 | 5.90 | 50 | 300 | <0.5 | 2 | 0.37 | <0.5 | 37 | 143 | 196 | 5.81 | 30 | <1 |
| 93DU0685 | <0.2 | 4.38 | 14 | 220 | <0.5 | <2 | 0.33 | <0.5 | 29 | 117 | 117 | 4.97 | 20 | <1 |
| 93DU0686 | <0.2 | 4.86 | 118 | 280 | <0.5 | 4 | 0.37 | 0.5 | 37 | 143 | 197 | 6.04 | 20 | <1 |
| 93DU0687 | <0.2 | 4.65 | 28 | 170 | <0.5 | <2 | 0.24 | <0.5 | 28 | 123 | 133 | 5.76 | 20 | <1 |
| 93DU0688 | <0.2 | 2.89 | 16 | 170 | 0.5 | <2 | 0.42 | <0.5 | 25 | 105 | 82 | 3.80 | 10 | <1 |
| 93DU0689 | <0.2 | 3.42 | 24 | 150 | 0.5 | <2 | 0.29 | <0.5 | 21 | 113 | 99 | 4.44 | 10 | <1 |
| 93DU0690 | <0.2 | 5.13 | 34 | 230 | <0.5 | <2 | 0.24 | <0.5 | 31 | 180 | 157 | 6.76 | 20 | <1 |
| 93DU0691 | <0.2 | 4.45 | 44 | 220 | <0.5 | <2 | 0.32 | <0.5 | 29 | 161 | 158 | 6.67 | 20 | <1 |
| 93DU0693 | 0.2 | 5.46 | 54 | 230 | <0.5 | <2 | 0.35 | <0.5 | 46 | 143 | 115 | 6.08 | 20 | <1 |
| 93DU0695 | <0.2 | 4.94 | 34 | 300 | <0.5 | 2 | 0.31 | <0.5 | 32 | 179 | 177 | 6.58 | 20 | <1 |
| 93DU0696 | <0.2 | 4.80 | 34 | 200 | <0.5 | <2 | 0.27 | <0.5 | 32 | 176 | 120 | 6.66 | 20 | <1 |
| 93DU0698 | <0.2 | 5.21 | 38 | 230 | 1.5 | <2 | 0.35 | 0.5 | 28 | 119 | 148 | 4.99 | 20 | <1 |
| 93DU0699 | <0.2 | 3.71 | <2 | 220 | <0.5 | <2 | 0.46 | 0.5 | 29 | 131 | 105 | 5.20 | 20 | <1 |
| 93DU0700 | <0.2 | 2.92 | <2 | 150 | <0.5 | <2 | 0.56 | 0.5 | 23 | 98 | 74 | 3.71 | 20 | <1 |
| 93DU0701 | <0.2 | 2.99 | 8 | 140 | <0.5 | <2 | 0.47 | <0.5 | 27 | 78 | 69 | 3.64 | 20 | <1 |
| 93DU0702 | <0.2 | 3.91 | 16 | 190 | <0.5 | <2 | 0.32 | <0.5 | 30 | 139 | 103 | 5.14 | 20 | <1 |
| 93DU0703 | <0.2 | 5.16 | 54 | 220 | <0.5 | <2 | 0.29 | 0.5 | 36 | 185 | 180 | 7.16 | 20 | <1 |
| 93DU0704 | <0.2 | 5.11 | 12 | 220 | <0.5 | <2 | 0.30 | <0.5 | 36 | 135 | 157 | 5.23 | 20 | <1 |
| 93DU0705 | <0.2 | 4.44 | 14 | 140 | <0.5 | <2 | 0.22 | 0.5 | 22 | 137 | 106 | 5.02 | 20 | <1 |
| 93DU0502dup | <0.2 | 5.27 | 76 | 90 | <0.5 | <2 | 0.14 | <0.5 | 15 | 86 | 102 | 4.70 | 20 | <1 |
| 93DU0533dup | 0.2 | 5.56 | 40 | 230 | <0.5 | <2 | 0.17 | <0.5 | 35 | 182 | 158 | 6.90 | 30 | <1 |
| 93DU0547dup | <0.2 | 3.08 | 58 | 110 | <0.5 | <2 | 0.21 | <0.5 | 17 | 83 | 102 | 3.70 | 10 | <1 |
| 93DU0565dup | <0.2 | 6.00 | 120 | 310 | <0.5 | <2 | 0.12 | 0.5 | 42 | 185 | 296 | 7.32 | 20 | <1 |
| 93DU579dup | <0.2 | 4.72 | 38 | 250 | <0.5 | <2 | 0.30 | 0.5 | 30 | 137 | 98 | 4.96 | 20 | <1 |
| lab standard | <0.2 | 3.24 | 34 | 100 | 0.5 | <2 | 0.08 | <0.5 | 16 | 41 | 75 | 3.60 | 10 | <1 |
| 93DU0594dup | <0.2 | 6.37 | 80 | 510 | <0.5 | <2 | 0.19 | <0.5 | 43 | 234 | 299 | 7.54 | 30 | <1 |
| 93DU0607dup | <0.2 | 4.35 | 60 | 210 | <0.5 | <2 | 0.37 | <0.5 | 25 | 121 | 119 | 4.89 | 20 | <1 |
| 93DU0624dup | <0.2 | 6.18 | 50 | 290 | <0.5 | <2 | 0.18 | 0.5 | 35 | 195 | 181 | 6.72 | 30 | <1 |
| 93DU0638dup | <0.2 | 4.15 | 12 | 230 | <0.5 | 6 | 0.40 | <0.5 | 28 | 155 | 101 | 5.20 | 20 | <1 |
| 93DU0650dup | <0.2 | 4.29 | 120 | 150 | <0.5 | <2 | 0.26 | 0.5 | 36 | 130 | 192 | 7.04 | 20 | <1 |
| 93DU0663dup | <0.2 | 3.84 | 54 | 200 | <0.5 | <2 | 0.30 | 0.5 | 30 | 113 | 117 | 4.56 | 20 | <1 |
| 93DU0677dup | <0.2 | 4.53 | 24 | 200 | <0.5 | <2 | 0.37 | <0.5 | 35 | 124 | 160 | 5.22 | 20 | <1 |
| lab standard | <0.2 | 3.24 | 32 | 100 | <0.5 | <2 | 0.08 | <0.5 | 15 | 42 | 75 | 3.58 | 10 | <1 |
| 93DU0687dup | <0.2 | 4.95 | 36 | 190 | <0.5 | <2 | 0.25 | <0.5 | 27 | 129 | 140 | 5.93 | 30 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|--------------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93DU0683 | 0.75 | 30 | 1.26 | 400 | 3 | 1.05 | 51 | 20 | 6 | 9 | 32 | 0.05 | 78 | 74 |
| 93DU0684 | 1.14 | 30 | 1.80 | 635 | 4 | 0.66 | 106 | 22 | 8 | 15 | 36 | 0.25 | 112 | 116 |
| 93DU0685 | 0.72 | 30 | 1.52 | 460 | 2 | 0.81 | 69 | 16 | 6 | 10 | 27 | 0.14 | 97 | 92 |
| 93DU0686 | 1.11 | 30 | 1.79 | 535 | 5 | 0.61 | 97 | 24 | 6 | 13 | 30 | 0.22 | 107 | 112 |
| 93DU0687 | 0.42 | 30 | 1.20 | 340 | 3 | 0.68 | 85 | 18 | 6 | 11 | 18 | 0.18 | 107 | 92 |
| 93DU0688 | 0.71 | 30 | 1.49 | 455 | 2 | 1.88 | 57 | 16 | 4 | 8 | 23 | 0.02 | 75 | 92 |
| 93DU0689 | 0.65 | 20 | 1.48 | 430 | 2 | 1.56 | 56 | 12 | <2 | 9 | 18 | 0.04 | 84 | 94 |
| 93DU0690 | 1.22 | 30 | 2.16 | 575 | 6 | 0.89 | 90 | 20 | 6 | 15 | 15 | 0.14 | 139 | 142 |
| 93DU0691 | 1.16 | 30 | 2.39 | 675 | 2 | 0.45 | 87 | 12 | 4 | 14 | 19 | 0.23 | 119 | 168 |
| 93DU0693 | 0.94 | 30 | 1.72 | 790 | 2 | 0.68 | 79 | 22 | 6 | 13 | 30 | 0.24 | 115 | 102 |
| 93DU0695 | 1.48 | 20 | 2.42 | 690 | <1 | 0.43 | 106 | 14 | 4 | 16 | 19 | 0.23 | 126 | 164 |
| 93DU0696 | 0.97 | 30 | 2.10 | 655 | 6 | 0.83 | 80 | 6 | 4 | 14 | 16 | 0.19 | 141 | 126 |
| 93DU0698 | 0.82 | 30 | 1.48 | 440 | 4 | 0.74 | 70 | 16 | 4 | 11 | 29 | 0.19 | 92 | 96 |
| 93DU0699 | 0.90 | 30 | 1.93 | 560 | 3 | 0.54 | 65 | 4 | 4 | 11 | 24 | 0.14 | 99 | 106 |
| 93DU0700 | 0.63 | 40 | 1.52 | 480 | <1 | 0.94 | 57 | 12 | 2 | 9 | 27 | 0.03 | 73 | 96 |
| 93DU0701 | 0.64 | 40 | 1.38 | 490 | 2 | 0.52 | 47 | 12 | 4 | 8 | 26 | 0.07 | 68 | 96 |
| 93DU0702 | 0.82 | 30 | 1.76 | 590 | 4 | 0.90 | 68 | 8 | 4 | 11 | 20 | 0.11 | 101 | 114 |
| 93DU0703 | 1.13 | 20 | 2.33 | 700 | 5 | 0.56 | 113 | 16 | 8 | 15 | 17 | 0.22 | 137 | 160 |
| 93DU0704 | 0.97 | 30 | 1.88 | 685 | 5 | 0.50 | 78 | 22 | 8 | 12 | 24 | 0.23 | 99 | 132 |
| 93DU0705 | 0.45 | 30 | 1.24 | 345 | 4 | 1.14 | 63 | 12 | 2 | 8 | 17 | 0.11 | 103 | 80 |
| 93DU0502dup | 0.28 | 50 | 0.73 | 220 | 6 | 1.55 | 38 | 28 | <2 | 8 | 11 | 0.12 | 83 | 52 |
| 93DU0533dup | 1.15 | 30 | 2.15 | 455 | 8 | 0.52 | 100 | 24 | 8 | 16 | 15 | 0.23 | 150 | 152 |
| 93DU0547dup | 0.44 | 20 | 1.01 | 290 | 4 | 0.26 | 59 | 4 | 2 | 8 | 12 | 0.13 | 72 | 70 |
| 93DU0565dup | 1.56 | 20 | 2.33 | 595 | 6 | 0.55 | 159 | 28 | 6 | 17 | 14 | 0.19 | 127 | 184 |
| 93DU0579dup | 1.07 | 30 | 1.63 | 475 | 2 | 0.69 | 76 | 18 | 8 | 13 | 26 | 0.15 | 103 | 98 |
| lab standard | 0.34 | 30 | 0.86 | 845 | <1 | 0.01 | 36 | 24 | 2 | 8 | 9 | 0.09 | 49 | 114 |
| 93DU0594dup | 2.12 | 20 | 2.87 | 730 | 4 | 0.52 | 162 | 22 | 4 | 21 | 20 | 0.25 | 159 | 226 |
| 93DU0607dup | 0.86 | 30 | 1.66 | 440 | 1 | 0.61 | 69 | 14 | 4 | 11 | 28 | 0.15 | 91 | 104 |
| 93DU0624dup | 1.08 | 20 | 2.04 | 545 | 3 | 0.50 | 110 | 22 | 8 | 18 | 16 | 0.19 | 144 | 150 |
| 93DU0638dup | 1.35 | 30 | 2.11 | 610 | 2 | 0.42 | 74 | 14 | 8 | 14 | 21 | 0.23 | 111 | 136 |
| 93DU0650dup | 0.50 | 30 | 1.39 | 555 | 4 | 0.81 | 106 | 22 | 8 | 11 | 16 | 0.13 | 127 | 110 |
| 93DU0663dup | 0.84 | 20 | 1.50 | 430 | 2 | 0.65 | 73 | 18 | 4 | 10 | 16 | 0.17 | 86 | 132 |
| 93DU0677dup | 0.76 | 40 | 1.76 | 610 | 5 | 0.47 | 82 | 16 | 4 | 11 | 22 | 0.21 | 102 | 112 |
| lab standard | 0.34 | 30 | 0.86 | 835 | <1 | 0.01 | 36 | 30 | 4 | 8 | 9 | 0.09 | 49 | 106 |
| 93DU0687dup | 0.44 | 40 | 1.25 | 355 | 3 | 0.66 | 88 | 14 | <2 | 12 | 20 | 0.17 | 112 | 94 |

2.ICP-AES(<2μm)

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm |
|--------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|
| 93DU0704dup | <0.2 | 4.93 | 32 | 200 | <0.5 | 2 | 0.31 | <0.5 | 36 | 138 | 156 | 5.21 | 20 | <1 |
| 93BCW0016dup | 0.2 | 5.97 | 76 | 150 | <0.5 | <2 | 0.22 | 0.5 | 22 | 117 | 144 | 5.05 | 20 | <1 |
| 93BCW0028dup | <0.2 | 4.14 | 58 | 170 | <0.5 | <2 | 0.36 | <0.5 | 28 | 115 | 171 | 4.26 | 20 | <1 |
| 93BCW0046dup | <0.2 | 5.06 | 86 | 240 | <0.5 | <2 | 0.24 | <0.5 | 43 | 151 | 206 | 5.88 | 20 | <1 |
| 93BCW0068dup | <0.2 | 3.96 | 16 | 230 | <0.5 | <2 | 0.28 | 0.5 | 30 | 130 | 143 | 5.13 | 20 | <1 |
| 93BCW0081dup | <0.2 | 4.63 | 26 | 250 | <0.5 | 2 | 0.26 | <0.5 | 31 | 159 | 113 | 5.94 | 20 | <1 |
| lab standard | <0.2 | 3.29 | 30 | 100 | <0.5 | 2 | 0.08 | 0.5 | 15 | 42 | 72 | 3.43 | 10 | <1 |
| 93BCW0095dup | <0.2 | 3.97 | 30 | 220 | <0.5 | 2 | 0.36 | <0.5 | 26 | 124 | 92 | 5.23 | 20 | <1 |
| 93BCW0106dup | <0.2 | 6.10 | 76 | 410 | <0.5 | <2 | 0.19 | 0.5 | 37 | 224 | 233 | 7.26 | 30 | <1 |
| 93BCW0122dup | 0.2 | 4.50 | 10 | 220 | <0.5 | <2 | 0.31 | 0.5 | 36 | 157 | 154 | 5.78 | 20 | <1 |
| 93BCW0139dup | 0.2 | 5.21 | 126 | 340 | <0.5 | <2 | 0.17 | <0.5 | 46 | 203 | 229 | 7.54 | 20 | <1 |
| 93BCW0153dup | 0.2 | 4.89 | 60 | 280 | <0.5 | <2 | 0.24 | 0.5 | 40 | 183 | 185 | 7.18 | 20 | <1 |
| 93BCW0161dup | 0.2 | 4.59 | 72 | 200 | <0.5 | <2 | 0.31 | <0.5 | 28 | 160 | 177 | 6.97 | 20 | <1 |
| lab standard | 0.2 | 3.21 | 20 | 100 | <0.5 | <2 | 0.08 | 0.5 | 16 | 41 | 75 | 3.65 | 10 | <1 |
| 93BCW0178dup | <0.2 | 5.24 | 72 | 240 | <0.5 | <2 | 0.38 | 0.5 | 37 | 153 | 216 | 7.81 | 20 | <1 |
| 93BCW0199dup | <0.2 | 5.19 | 82 | 280 | <0.5 | <2 | 0.33 | <0.5 | 36 | 191 | 187 | 7.42 | 20 | <1 |

2.ICP-AES(<2μm)

| Sample | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|--------------|------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|------|-------|--------|
| 93DU0704dup | 0.87 | 30 | 1.90 | 680 | 4 | 0.42 | 79 | 22 | 6 | 11 | 18 | 0.21 | 99 | 132 |
| 93BCW0016dup | 0.51 | 30 | 1.20 | 310 | 4 | 0.48 | 66 | 24 | 8 | 11 | 20 | 0.19 | 94 | 72 |
| 93BCW0028dup | 0.78 | 30 | 1.54 | 475 | <1 | 0.48 | 83 | 12 | 4 | 12 | 20 | 0.15 | 83 | 92 |
| 93BCW0046dup | 1.12 | 30 | 1.88 | 520 | 3 | 0.52 | 114 | 22 | 8 | 14 | 15 | 0.19 | 111 | 138 |
| 93BCW0068dup | 1.25 | 30 | 1.98 | 515 | 2 | 0.81 | 82 | 18 | 6 | 13 | 17 | 0.08 | 101 | 160 |
| 93BCW0081dup | 1.36 | 20 | 2.28 | 635 | 1 | 0.41 | 90 | 16 | 6 | 15 | 17 | 0.23 | 118 | 158 |
| lab standard | 0.37 | 30 | 0.83 | 795 | <1 | 0.01 | 33 | 26 | 4 | 8 | 9 | 0.09 | 48 | 102 |
| 93BCW0095dup | 1.28 | 30 | 2.02 | 600 | 2 | 0.34 | 61 | 18 | 8 | 13 | 20 | 0.24 | 108 | 164 |
| 93BCW0106dup | 1.91 | 20 | 2.64 | 675 | 3 | 0.42 | 139 | 30 | 2 | 21 | 17 | 0.24 | 153 | 186 |
| 93BCW0122dup | 1.16 | 30 | 2.18 | 755 | 2 | 0.37 | 87 | 18 | 2 | 14 | 17 | 0.24 | 114 | 148 |
| 93BCW0139dup | 1.46 | 20 | 2.59 | 715 | 8 | 0.40 | 130 | 20 | 6 | 17 | 10 | 0.25 | 143 | 236 |
| 93BCW0153dup | 1.33 | 30 | 2.41 | 785 | 2 | 0.42 | 104 | 20 | 6 | 16 | 16 | 0.25 | 137 | 168 |
| 93BCW0161dup | 1.19 | 30 | 2.28 | 590 | 2 | 0.50 | 96 | 20 | 6 | 14 | 16 | 0.21 | 119 | 170 |
| lab standard | 0.33 | 30 | 0.85 | 845 | <1 | 0.01 | 36 | 20 | 4 | 8 | 9 | 0.09 | 48 | 106 |
| 93BCW0178dup | 1.04 | 30 | 2.53 | 860 | 3 | 0.40 | 122 | 8 | 4 | 15 | 22 | 0.18 | 118 | 160 |
| 93BCW0199dup | 1.44 | 30 | 2.51 | 760 | 3 | 0.45 | 111 | 16 | 4 | 18 | 19 | 0.25 | 141 | 170 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|-----------------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| Detection limit | 2 | 5 | 0.5 | 50 | 0.5 | 1 | 1 | 5 | 1 | 0.01 | 1 | 1 | 5 | 1 |
| 93BCW0101 | <2 | <5 | 5.3 | 690 | 2.6 | 3 | 11 | 78 | 5 | 2.58 | 8 | <1 | <5 | <1 |
| 93BCW0102 | <2 | <5 | 8.4 | 630 | 3.9 | <5 | 10 | 90 | 5 | 2.68 | 7 | <1 | <5 | <1 |
| 93BCW0103 | <2 | <5 | 20 | 590 | 2.1 | <5 | 13 | 91 | 4 | 2.84 | 9 | <1 | <5 | <1 |
| 93BCW0104 | <2 | <5 | 11 | 590 | <0.5 | 2 | 11 | 97 | 4 | 2.73 | 8 | <1 | <5 | <1 |
| 93BCW0105 | 26 | <5 | 7.9 | 480 | 1.2 | 2 | 9 | 77 | 3 | 2.19 | 7 | <1 | <5 | <1 |
| 93BCW0106 | <2 | <5 | 30 | 760 | 2 | <5 | 18 | 140 | 7 | 3.89 | 6 | <1 | <5 | <1 |
| 93BCW0107 | 5 | <5 | 11 | 550 | 1.8 | 2 | 10 | 85 | 4 | 2.52 | 7 | <1 | <5 | <1 |
| 93BCW0108 | 6 | <5 | 7.2 | 490 | <0.5 | 2 | 10 | 79 | 4 | 2.38 | 7 | <1 | <5 | <1 |
| 93BCW0109 | 5 | <5 | 13 | 420 | 2.5 | <5 | 10 | 55 | 6 | 2.29 | 7 | <1 | <5 | <1 |
| 93BCW0110 | 2 | <5 | 9.8 | 620 | 3 | <5 | 12 | 100 | 6 | 2.85 | 7 | <1 | <5 | <1 |
| 93BCW0113 | 2 | <5 | 11 | 540 | 2.2 | <5 | 8 | 78 | 3 | 2.26 | 6 | <1 | <5 | <1 |
| 93BCW0114 | 5 | <5 | 27 | 730 | 2 | 1 | 14 | 120 | 5 | 3.28 | 7 | <1 | <5 | <1 |
| 93BCW0115 | <2 | <5 | 21 | 510 | 3.5 | 1 | 7 | 53 | 2 | 1.75 | 6 | <1 | <5 | 2 |
| 93BCW0116 | <2 | <5 | 8.2 | 480 | 1.8 | 2 | 5 | 47 | 2 | 1.36 | 6 | <1 | <5 | <1 |
| 93BCW0117 | 2 | <5 | 12 | 420 | 1.9 | <5 | 5 | 47 | 2 | 1.33 | 6 | <1 | <5 | <1 |
| 93BCW0118 | <2 | <5 | 5.4 | 530 | 2.1 | 1 | 6 | 54 | 2 | 1.67 | 8 | <1 | <5 | <1 |
| 93BCW0120 | <2 | <5 | 5.6 | 550 | 1.7 | <5 | 7 | 62 | 3 | 1.88 | 7 | <1 | <5 | <1 |
| 93BCW0121 | <2 | <5 | 7.4 | 420 | 2.7 | 1 | 4 | 36 | 2 | 1.13 | 6 | <1 | <5 | <1 |
| 93BCW0131 | <2 | <5 | 7.4 | 440 | 2.5 | 2 | 5 | 44 | 2 | 1.4 | 7 | <1 | <5 | <1 |
| 93BCW0132 | <2 | <5 | 6.2 | 470 | <0.5 | 1 | 6 | 40 | 2 | 1.34 | 7 | <1 | <5 | <1 |
| 93BCW0133 | <2 | <5 | 4.7 | 490 | 1.6 | 1 | 4 | 38 | 2 | 1.17 | 6 | <1 | <5 | <1 |
| 93BCW0135 | <2 | <5 | 5.4 | 560 | 1.9 | 1 | 4 | 44 | 2 | 1.31 | 6 | <1 | <5 | <1 |
| 93BCW0136 | 3 | <5 | 5.2 | 580 | <0.5 | 1 | 7 | 51 | 3 | 1.57 | 7 | <1 | <5 | <1 |
| 93BCW0138 | 5 | <5 | 17 | 470 | 2.3 | 1 | 10 | 88 | 2 | 2.46 | 8 | <1 | <5 | <1 |
| 93BCW0139 | 5 | <5 | 30 | 650 | 2.2 | <5 | 15 | 130 | 6 | 3.6 | 6 | <1 | <5 | <1 |
| 93BCW0140 | <2 | <5 | 3.8 | 700 | 2.3 | 1 | 7 | 67 | 3 | 2.07 | 8 | <1 | <5 | <1 |
| 93BCW0141 | 2 | <5 | 3.7 | 630 | 2 | 2 | 6 | 61 | 3 | 1.88 | 7 | <1 | <5 | <1 |
| 93BCW0142 | 2 | <5 | 4.1 | 620 | <0.5 | 2 | 6 | 49 | 2 | 1.77 | 6 | <1 | <5 | <1 |
| 93BCW0143 | 4 | <5 | 4.5 | 620 | <0.5 | 1 | 9 | 110 | 3 | 2.14 | 7 | <1 | <5 | <1 |
| 93BCW0144 | 4 | <5 | 2.6 | 630 | <0.5 | 2 | 6 | 48 | 3 | 1.72 | 8 | <1 | <5 | <1 |
| 93BCW0145 | <2 | <5 | 2.5 | 620 | 1.6 | 1 | 4 | 33 | 2 | 1.31 | 8 | <1 | <5 | <1 |
| 93BCW0146 | 4 | <5 | 3.6 | 630 | <0.5 | 2 | 5 | 41 | 3 | 1.46 | 8 | <1 | <5 | <1 |
| 93BCW0148 | 8 | <5 | 35 | 610 | 2.4 | 1 | 16 | 110 | 4 | 3.09 | 7 | <1 | <5 | <1 |
| 93BCW0149 | 12 | <5 | 17 | 540 | 1.7 | 1 | 10 | 79 | 3 | 2.29 | 6 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|-----------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| Detection limit | 0.01 | 20 | 5 | 0.1 | 0.1 | 5 | 100 | 500 | 0.5 | 0.2 | 0.5 | 1 | 50 | 0.5 |
| 93BCW0101 | 2.16 | <27 | 110 | <0.1 | 10.0 | <3 | <100 | <500 | 1.9 | 16.0 | 6.6 | 2 | 74 | 43 |
| 93BCW0102 | 2.03 | <27 | 78 | 0.3 | 11.0 | <3 | <100 | <500 | <0.5 | 11.0 | 4.2 | <1 | 100 | 33 |
| 93BCW0103 | 2.02 | <28 | 68 | <0.1 | 11.0 | <3 | <100 | <500 | <0.5 | 11.0 | 6.1 | <1 | 69 | 41 |
| 93BCW0104 | 1.94 | <22 | 76 | <0.1 | 11.0 | <3 | <100 | <500 | 1.1 | 10.0 | 4.7 | 2 | 59 | 39 |
| 93BCW0105 | 1.9 | <20 | 59 | <0.1 | 9.3 | <3 | <100 | <500 | <0.5 | 8.8 | 2.8 | <1 | <50 | 33 |
| 93BCW0106 | 1.58 | <26 | 75 | <0.1 | 15.0 | <3 | <100 | <500 | <0.5 | 10.0 | 6.6 | <1 | 128 | 38 |
| 93BCW0107 | 1.82 | <20 | 62 | 0.2 | 9.7 | <3 | <100 | <500 | <0.5 | 10.0 | 4.0 | <1 | 80 | 37 |
| 93BCW0108 | 1.98 | <21 | 77 | 0.2 | 9.6 | <3 | <100 | <500 | <0.5 | 12.0 | 4.6 | <1 | 52 | 38 |
| 93BCW0109 | 1.99 | <21 | 130 | <0.1 | 7.9 | <3 | <100 | <500 | <0.5 | 17.0 | 7.3 | <1 | 115 | 34 |
| 93BCW0110 | 1.66 | <22 | 87 | <0.1 | 11.0 | <3 | <100 | <500 | <0.5 | 12.0 | 8.5 | 5 | 111 | 38 |
| 93BCW0113 | 1.75 | <20 | 58 | <0.1 | 9.2 | <3 | <100 | <500 | <0.5 | 7.8 | 2.6 | <1 | 80 | 28 |
| 93BCW0114 | 1.89 | <23 | 110 | <0.1 | 13.0 | <3 | <100 | <500 | <0.5 | 12.0 | 4.2 | <1 | 90 | 41 |
| 93BCW0115 | 2.23 | <20 | 64 | <0.1 | 6.3 | <3 | <100 | <500 | <0.5 | 9.8 | 2.3 | <1 | <50 | 33 |
| 93BCW0116 | 2.13 | <20 | 49 | <0.1 | 5.6 | <3 | <100 | <500 | <0.5 | 7.6 | 2.4 | <1 | <50 | 30 |
| 93BCW0117 | 2.17 | <20 | 66 | <0.1 | 5.5 | <3 | <100 | <500 | <0.5 | 8.3 | 2.2 | 2 | <50 | 30 |
| 93BCW0118 | 2.11 | <20 | 68 | <0.1 | 6.9 | <3 | <100 | <500 | <0.5 | 11.0 | 3.5 | <1 | <50 | 40 |
| 93BCW0120 | 2.1 | <20 | 65 | <0.1 | 7.8 | <3 | <100 | <500 | 1 | 11.0 | 3.5 | 5 | <50 | 40 |
| 93BCW0121 | 2.06 | <20 | 45 | <0.1 | 4.5 | <3 | <100 | <500 | 1.1 | 9.7 | 3.1 | <1 | <50 | 35 |
| 93BCW0131 | 2.36 | 75 | 65 | 0.2 | 5.6 | <3 | <100 | <500 | <0.5 | 11.0 | 3.4 | <1 | 53 | 38 |
| 93BCW0132 | 2.18 | <20 | 46 | <0.1 | 5.5 | <3 | <100 | <500 | <0.5 | 9.9 | 3.0 | <1 | <50 | 39 |
| 93BCW0133 | 2.13 | <20 | 66 | 0.2 | 4.6 | <3 | <100 | <500 | 1 | 10.0 | 3.1 | <1 | <50 | 35 |
| 93BCW0135 | 2.2 | <20 | 65 | 0.2 | 5.4 | <3 | <100 | <500 | <0.5 | 7.9 | 2.2 | <1 | <50 | 31 |
| 93BCW0136 | 2.19 | <20 | 72 | 0.3 | 6.5 | <3 | <100 | <500 | <0.5 | 8.6 | 2.4 | <1 | <50 | 33 |
| 93BCW0138 | 1.82 | <20 | 43 | 0.3 | 9.5 | <3 | <100 | <500 | 1.1 | 13.0 | 3.7 | 3 | 65 | 49 |
| 93BCW0139 | 1.95 | <20 | 90 | 0.7 | 14.0 | <3 | <100 | <500 | 1.3 | 9.5 | 4.0 | <1 | 108 | 36 |
| 93BCW0140 | 2.07 | <20 | 88 | 0.7 | 8.6 | <3 | <100 | <500 | <0.5 | 9.7 | 3.0 | <1 | <50 | 36 |
| 93BCW0141 | 2.14 | <20 | 85 | 0.7 | 8.0 | <3 | <100 | <500 | <0.5 | 8.3 | 2.2 | <1 | <50 | 30 |
| 93BCW0142 | 2.08 | <20 | 88 | 0.7 | 7.1 | <3 | <100 | <500 | <0.5 | 7.8 | 2.7 | <1 | <50 | 28 |
| 93BCW0143 | 2.13 | <20 | 89 | 0.7 | 8.5 | <3 | <100 | <500 | 0.8 | 8.8 | 2.9 | 2 | <50 | 34 |
| 93BCW0144 | 2.04 | <20 | 80 | 0.9 | 7.2 | <3 | <100 | <500 | 1.3 | 9.5 | 3.4 | <1 | <50 | 35 |
| 93BCW0145 | 2.07 | <20 | 69 | 1.7 | 6.0 | <3 | <100 | <500 | 0.7 | 6.9 | 2.9 | <1 | <50 | 25 |
| 93BCW0146 | 1.93 | <20 | 68 | 2.8 | 6.6 | <3 | <100 | <500 | 0.8 | 7.1 | 3.7 | 4 | <50 | 25 |
| 93BCW0148 | 1.96 | <20 | 75 | 5.3 | 12.0 | <3 | <100 | <500 | <0.5 | 11.0 | 4.2 | 6 | 68 | 44 |
| 93BCW0149 | 1.89 | <20 | 68 | 5 | 9.4 | <3 | <100 | <500 | 0.9 | 9.3 | 4.0 | 8 | 79 | 33 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|-----------------|--------|--------|--------|--------|--------|--------|--------|---------|
| Detection limit | 3 | 5 | 0.1 | 0.2 | 0.5 | 0.2 | 0.05 | |
| 93BCW0101 | 86 | 38 | 6.5 | 1.3 | <0.5 | 2.1 | 0.32 | 30.71 |
| 93BCW0102 | 63 | 31 | 4.9 | 1.2 | 0.6 | 2.1 | 0.29 | 28.35 |
| 93BCW0103 | 77 | 31 | 5.8 | 1.5 | <0.5 | 2.3 | 0.31 | 28.84 |
| 93BCW0104 | 75 | 28 | 5.5 | 1.4 | 0.8 | 2.3 | 0.35 | 30.04 |
| 93BCW0105 | 62 | 26 | 4.5 | 1.3 | 0.7 | 2.0 | 0.31 | 36.24 |
| 93BCW0106 | 71 | 28 | 5.3 | 1.4 | 0.6 | 1.9 | 0.32 | 23.35 |
| 93BCW0107 | 68 | 30 | 5.2 | 1.4 | 0.8 | 2.0 | 0.35 | 32.33 |
| 93BCW0108 | 74 | 34 | 5.6 | 1.3 | 0.8 | 1.9 | 0.29 | 31.38 |
| 93BCW0109 | 70 | 27 | 5.8 | 0.9 | 0.9 | 1.4 | 0.19 | 29.32 |
| 93BCW0110 | 73 | 34 | 5.6 | 1.3 | <0.5 | 1.9 | 0.28 | 28.76 |
| 93BCW0113 | 55 | 20 | 3.9 | 1.1 | 0.5 | 1.6 | 0.28 | 35.12 |
| 93BCW0114 | 77 | 34 | 5.7 | 1.4 | 0.7 | 2.2 | 0.32 | 27.38 |
| 93BCW0115 | 64 | 29 | 4.7 | 1.2 | 0.6 | 1.8 | 0.27 | 32.74 |
| 93BCW0116 | 58 | 21 | 4.3 | 1.1 | 0.6 | 1.7 | 0.29 | 36.73 |
| 93BCW0117 | 58 | 24 | 4.3 | 1.2 | 0.6 | 1.8 | 0.25 | 35.46 |
| 93BCW0118 | 73 | 29 | 5.5 | 1.3 | 0.7 | 2.4 | 0.37 | 35.45 |
| 93BCW0120 | 74 | 29 | 5.4 | 1.3 | 0.7 | 2.4 | 0.35 | 33.96 |
| 93BCW0121 | 66 | 25 | 4.8 | 1.2 | 0.6 | 1.9 | 0.28 | 41.25 |
| 93BCW0131 | 73 | 30 | 5.4 | 1.3 | 0.6 | 2.1 | 0.36 | 31.18 |
| 93BCW0132 | 71 | 27 | 5.3 | 1.2 | 0.7 | 2.2 | 0.31 | 36.94 |
| 93BCW0133 | 67 | 26 | 4.9 | 1.1 | 0.7 | 2.0 | 0.31 | 39.19 |
| 93BCW0135 | 55 | 24 | 4.2 | 1.2 | 0.6 | 1.8 | 0.27 | 38.25 |
| 93BCW0136 | 62 | 26 | 4.7 | 1.1 | 0.5 | 2.0 | 0.30 | 35.52 |
| 93BCW0138 | 90 | 39 | 6.5 | 1.5 | 1 | 2.5 | 0.40 | 33.6 |
| 93BCW0139 | 68 | 27 | 4.8 | 1.3 | 0.6 | 2.1 | 0.35 | 27.81 |
| 93BCW0140 | 68 | 29 | 5 | 1.2 | 0.8 | 2.2 | 0.33 | 30.69 |
| 93BCW0141 | 56 | 21 | 4.3 | 1.2 | 0.6 | 1.8 | 0.29 | 31.02 |
| 93BCW0142 | 53 | 22 | 3.9 | 1 | 0.6 | 1.8 | 0.26 | 34.86 |
| 93BCW0143 | 62 | 25 | 4.6 | 1.2 | 0.9 | 2.1 | 0.31 | 32.02 |
| 93BCW0144 | 64 | 27 | 4.6 | 1.1 | 0.6 | 2.0 | 0.30 | 32.76 |
| 93BCW0145 | 45 | 19 | 3.4 | 0.9 | 0.6 | 1.6 | 0.27 | 34.25 |
| 93BCW0146 | 47 | 18 | 3.5 | 0.9 | <0.5 | 1.9 | 0.27 | 32.58 |
| 93BCW0148 | 79 | 31 | 5.6 | 1.4 | 0.8 | 2.3 | 0.32 | 30.67 |
| 93BCW0149 | 61 | 27 | 4.6 | 1.2 | 0.7 | 2.0 | 0.28 | 33.68 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|-------------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93BCW0150 | 6 | <5 | 13 | 470 | 1.5 | 1 | 11 | 75 | 3 | 2.21 | 7 | <1 | <5 | <1 |
| 93BCW0151 | 11 | <5 | 13 | 540 | <0.5 | 1 | 11 | 78 | 3 | 2.22 | 7 | <1 | <5 | <1 |
| 93BCW0152 | 7 | <5 | 21 | 630 | 1.8 | 2 | 17 | 120 | 6 | 3.39 | 7 | <1 | <5 | <1 |
| 93BCW0153 | 10 | <5 | 17 | 670 | 1.9 | 1 | 12 | 96 | 4 | 2.97 | 7 | <1 | <5 | <1 |
| 93BCW0154 | 9 | <5 | 25 | 560 | <0.5 | <5 | 12 | 86 | 4 | 2.68 | 6 | <1 | <5 | <1 |
| 93BCW0155-A | 8 | <5 | 20 | 720 | <0.5 | <5 | 14 | 140 | 3 | 3.19 | 6 | <1 | <5 | <1 |
| 93BCW0155-B | 20 | <5 | 22 | 710 | 1.8 | <5 | 15 | 130 | 3 | 3.23 | 9 | <1 | <5 | <1 |
| 93BCW0156 | 14 | <5 | 25 | 720 | 2.2 | 2 | 12 | 93 | 3 | 2.81 | 8 | <1 | <5 | 3 |
| 93BCW0157 | <2 | <5 | 15 | 660 | 1.2 | <5 | 10 | 66 | 2 | 2.3 | 8 | <1 | <5 | <1 |
| 93BCW0158 | 5 | <5 | 12 | 690 | <0.5 | <5 | 8 | 57 | 1 | 2.02 | 7 | <1 | <5 | <1 |
| 93BCW0159-A | 9 | <5 | 14 | 620 | 4.2 | <5 | 9 | 54 | 2 | 2.28 | 9 | <1 | <5 | <1 |
| 93BCW0160 | <2 | <5 | 12 | 600 | 2.4 | <5 | 7 | 47 | 2 | 2.26 | 7 | <1 | <5 | <1 |
| 93BCW0161 | 11 | <5 | 13 | 590 | 2.3 | 2 | 10 | 72 | 2 | 2.55 | 7 | <1 | <5 | <1 |
| 93BCW0162 | 5 | <5 | 37 | 880 | 6.7 | <5 | 17 | 110 | 6 | 3.58 | 7 | <1 | <5 | 4 |
| 93BCW0163 | 9 | <5 | 25 | 740 | 2.3 | <5 | 18 | 130 | 5 | 3.73 | 7 | <1 | <5 | <1 |
| 93BCW0164 | 22 | <5 | 7.3 | 540 | <0.5 | <5 | 12 | 87 | 5 | 3.24 | 8 | <1 | <5 | <1 |
| 93BCW0165 | <2 | <5 | 14 | 610 | 2.1 | <5 | 11 | 72 | 2 | 2.69 | 8 | <1 | <5 | <1 |
| 93BCW0166 | 11 | <5 | 13 | 630 | <0.5 | <5 | 11 | 72 | 4 | 3.39 | 8 | <1 | <5 | 2 |
| 93BCW0166G | 16 | <5 | 13 | 630 | 3.8 | <5 | 8 | 100 | 5 | 6.25 | 7 | <1 | <5 | <1 |
| 93BCW0167 | 8 | <5 | 13 | 480 | 2.8 | 2 | 8 | 67 | 3 | 2.5 | 7 | <1 | <5 | <1 |
| 93BCW0168 | <2 | <5 | 6.1 | 610 | 3 | 2 | 8 | 74 | 3 | 2.49 | 9 | <1 | <5 | <1 |
| 93BCW0169 | 7 | <5 | 7.1 | 700 | <0.5 | <5 | 8 | 72 | 3 | 2.48 | 8 | <1 | <5 | <1 |
| 93BCW0170 | 14 | <5 | 12 | 700 | <0.5 | <5 | 14 | 110 | 6 | 3.3 | 7 | <1 | <5 | <1 |
| 93BCW0171 | 6 | <5 | 28 | 630 | <0.5 | <5 | 9 | 81 | 4 | 2.73 | 8 | <1 | <5 | <1 |
| 93BCW0172 | 5 | <5 | 3.3 | 620 | <0.5 | 2 | 6 | 71 | 3 | 2.08 | 8 | <1 | <5 | 2 |
| 93BCW0173 | <2 | <5 | 3.7 | 720 | <0.5 | <5 | 4 | 51 | 3 | 1.54 | 6 | <1 | <5 | 2 |
| 93BCW0174 | 11 | <5 | 17 | 700 | 2.6 | <5 | 6 | 66 | 3 | 2.03 | 7 | <1 | <5 | <1 |
| 93BCW0175 | 3 | <5 | 9.6 | 630 | <0.5 | <5 | 10 | 87 | 4 | 2.96 | 7 | <1 | <5 | <1 |
| 93BCW0176 | 9 | <5 | 22 | 580 | <0.5 | 2 | 12 | 88 | 3 | 3.3 | 6 | <1 | <5 | <1 |
| 93BCW0177 | 11 | <5 | 19 | 570 | 2.4 | 2 | 11 | 75 | 3 | 3.05 | 7 | <1 | <5 | 1 |
| 93BCW0178 | 13 | <5 | 18 | 560 | 2.6 | <5 | 11 | 80 | 3 | 3.56 | 6 | <1 | <5 | <1 |
| 93BCW0179 | 11 | <5 | 16 | 720 | <0.5 | 2 | 17 | 100 | 4 | 3.4 | 6 | <1 | <5 | <1 |
| 93BCW0180 | 2 | <5 | 3.4 | 800 | 2.4 | 2 | 6 | 59 | 4 | 1.8 | 9 | <1 | <5 | <1 |
| 93BCW0181 | 10 | <5 | 5.3 | 580 | <0.5 | 1 | 8 | 69 | 4 | 2.28 | 7 | <1 | <5 | <1 |
| 93BCW0182 | 7 | <5 | 10 | 630 | 1.7 | 2 | 7 | 52 | 2 | 1.81 | 8 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|-------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93BCW0150 | 1.87 | 84 | 59 | 4.4 | 9.1 | <3 | <100 | <500 | <0.5 | 8.2 | 3.0 | 8 | 67 | 32 |
| 93BCW0151 | 1.91 | 75 | 69 | 4.7 | 8.8 | <3 | <100 | <500 | 1 | 8.4 | 3.2 | 7 | 80 | 33 |
| 93BCW0152 | 1.8 | <20 | 110 | 5.8 | 13.0 | <3 | <100 | <500 | 1.1 | 14.0 | 6.4 | 5 | 118 | 46 |
| 93BCW0153 | 1.91 | <20 | 80 | 5.7 | 11.0 | <3 | <100 | <500 | 0.6 | 9.6 | 3.2 | 8 | 85 | 35 |
| 93BCW0154 | 1.69 | <20 | 62 | 6.6 | 10.0 | <3 | <100 | <500 | <0.5 | 7.8 | 1.5 | 8 | 61 | 28 |
| 93BCW0155-A | 1.67 | <26 | 47 | 0.2 | 12.0 | <3 | <100 | <500 | <0.5 | 6.1 | 2.8 | <1 | <50 | 25 |
| 93BCW0155-B | 1.76 | <28 | 33 | <0.1 | 12.0 | <3 | <100 | <500 | <0.5 | 7.8 | 2.0 | <1 | 99 | 34 |
| 93BCW0156 | 1.68 | <26 | 58 | <0.1 | 10.0 | <3 | <100 | <500 | <0.5 | 7.6 | 1.7 | <1 | <50 | 28 |
| 93BCW0157 | 1.68 | 120 | 55 | 0.4 | 8.6 | <3 | <100 | <500 | <0.5 | 6.7 | 1.7 | 4 | <50 | 25 |
| 93BCW0158 | 1.81 | <22 | 47 | <0.1 | 8.3 | <3 | <100 | <500 | <0.5 | 6.5 | 1.3 | <1 | <50 | 24 |
| 93BCW0159-A | 1.66 | <24 | 36 | <0.1 | 8.2 | <3 | <100 | <500 | <0.5 | 6.4 | 1.8 | <1 | 59 | 26 |
| 93BCW0160 | 1.41 | <21 | 52 | <0.1 | 7.8 | <3 | <100 | <500 | 1.4 | 5.7 | <0.5 | <1 | 87 | 22 |
| 93BCW0161 | 1.79 | 140 | 65 | 0.2 | 9.1 | <3 | <100 | <500 | <0.5 | 6.9 | 2.7 | <1 | <50 | 27 |
| 93BCW0162 | 1.77 | <30 | 82 | <0.1 | 13.0 | <3 | <100 | <500 | <0.5 | 8.3 | 2.6 | <1 | 136 | 33 |
| 93BCW0163 | 1.93 | <29 | 91 | <0.1 | 14.0 | <3 | <100 | <500 | 1.6 | 8.9 | 3.7 | <1 | <50 | 34 |
| 93BCW0164 | 1.84 | <25 | 66 | <0.1 | 13.0 | <3 | <100 | <500 | 2.5 | 7.6 | 3.4 | <1 | <50 | 30 |
| 93BCW0165 | 1.92 | <21 | 57 | 0.4 | 9.4 | <3 | <100 | <500 | <0.5 | 7.5 | 2.2 | <1 | 62 | 32 |
| 93BCW0166 | 1.81 | <23 | 57 | <0.1 | 11.0 | <3 | <100 | <500 | <0.5 | 8.4 | 3.1 | <1 | 100 | 36 |
| 93BCW0166G | 1.72 | 160 | 70 | <0.1 | 12.0 | <3 | <100 | <500 | <0.5 | 11.0 | 2.1 | <1 | 77 | 20 |
| 93BCW0167 | 1.75 | <21 | 34 | 0.3 | 8.8 | <3 | <100 | <500 | <0.5 | 6.8 | 1.9 | 2 | <50 | 29 |
| 93BCW0168 | 1.93 | <22 | 60 | 0.2 | 10.0 | <3 | <100 | <500 | <0.5 | 8.2 | 2.6 | <1 | <50 | 34 |
| 93BCW0169 | 2.07 | <22 | 86 | <0.1 | 9.8 | <3 | <100 | <500 | <0.5 | 10.0 | 2.1 | <1 | <50 | 36 |
| 93BCW0170 | 1.91 | <26 | 96 | 0.2 | 13.0 | <3 | <100 | <500 | <0.5 | 13.0 | 6.8 | 7 | 88 | 45 |
| 93BCW0171 | 2.02 | <24 | 66 | 0.2 | 9.5 | <3 | <100 | <500 | <0.5 | 13.0 | 3.9 | <1 | <50 | 51 |
| 93BCW0172 | 2.11 | <21 | 62 | 0.2 | 8.8 | <3 | <100 | <500 | <0.5 | 9.2 | 3.6 | <1 | <50 | 34 |
| 93BCW0173 | 2.22 | <20 | 66 | <0.1 | 6.2 | <3 | <100 | 840 | <0.5 | 6.6 | 1.6 | <1 | <50 | 26 |
| 93BCW0174 | 2.16 | <22 | 67 | 0.3 | 8.0 | <3 | <100 | <500 | 2.1 | 8.1 | 2.7 | <1 | <50 | 34 |
| 93BCW0175 | 1.9 | <21 | 65 | 0.3 | 11.0 | <3 | <100 | <500 | <0.5 | 9.2 | 3.4 | <1 | <50 | 36 |
| 93BCW0176 | 1.76 | <20 | 93 | 0.2 | 12.0 | <3 | <100 | <500 | <0.5 | 7.3 | 2.5 | <1 | 86 | 29 |
| 93BCW0177 | 1.65 | <20 | 35 | 0.4 | 10.0 | <3 | <100 | <500 | 1.3 | 6.0 | 2.0 | 2 | 113 | 25 |
| 93BCW0178 | 1.62 | <20 | 63 | 0.2 | 11.0 | <3 | <100 | <500 | <0.5 | 6.6 | 2.3 | <1 | <50 | 30 |
| 93BCW0179 | 1.9 | <20 | 59 | 0.3 | 12.0 | <3 | <100 | <500 | 1.4 | 6.8 | 2.8 | <1 | 111 | 31 |
| 93BCW0180 | 1.75 | <20 | 81 | <0.1 | 8.1 | <3 | <100 | <500 | <0.5 | 7.6 | 3.1 | <1 | 70 | 28 |
| 93BCW0181 | 1.74 | <20 | 47 | <0.1 | 8.5 | <3 | <100 | <500 | 0.9 | 7.3 | 2.0 | <1 | <50 | 25 |
| 93BCW0182 | 1.8 | <20 | 68 | 0.2 | 7.5 | <3 | <100 | <500 | 1.6 | 8.3 | 2.7 | <1 | <50 | 33 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|-------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93BCW0150 | 58 | 27 | 4.5 | 1.3 | 0.8 | 1.9 | 0.31 | 33.81 |
| 93BCW0151 | 63 | 26 | 4.6 | 1.2 | 0.5 | 2.0 | 0.30 | 31.07 |
| 93BCW0152 | 86 | 37 | 6.5 | 1.6 | <0.5 | 2.5 | 0.38 | 26.9 |
| 93BCW0153 | 63 | 26 | 4.9 | 1.4 | 0.6 | 2.0 | 0.31 | 31.18 |
| 93BCW0154 | 51 | 22 | 3.8 | 1.1 | 0.6 | 1.5 | 0.25 | 32.48 |
| 93BCW0155-A | 54 | 21 | 3.9 | 1.2 | <0.5 | 1.8 | 0.32 | 32.6 |
| 93BCW0155-B | 78 | 29 | 5.3 | 1.5 | <0.5 | 2.1 | 0.40 | 30.65 |
| 93BCW0156 | 57 | 25 | 4.5 | 1.3 | <0.5 | 1.8 | 0.28 | 31.58 |
| 93BCW0157 | 47 | 21 | 4 | 1.2 | <0.5 | 1.8 | 0.29 | 34.81 |
| 93BCW0158 | 51 | 23 | 3.8 | 1.2 | <0.5 | 1.6 | 0.31 | 37.76 |
| 93BCW0159-A | 61 | 20 | 4.1 | 1.2 | <0.5 | 1.7 | 0.29 | 33.29 |
| 93BCW0160 | 50 | 19 | 3.5 | 1 | <0.5 | 1.6 | 0.22 | 37.79 |
| 93BCW0161 | 63 | 28 | 4.4 | 1.2 | 1 | 1.8 | 0.29 | 34.78 |
| 93BCW0162 | 76 | 27 | 5.2 | 1.4 | <0.5 | 1.9 | 0.31 | 25.46 |
| 93BCW0163 | 80 | 30 | 5.4 | 1.5 | <0.5 | 2.2 | 0.38 | 30.26 |
| 93BCW0164 | 67 | 26 | 5.1 | 1.4 | <0.5 | 2.8 | 0.42 | 35.12 |
| 93BCW0165 | 77 | 29 | 4.7 | 1.3 | <0.5 | 1.8 | 0.29 | 35.41 |
| 93BCW0166 | 79 | 30 | 5.4 | 1.3 | 1 | 2.3 | 0.35 | 33.24 |
| 93BCW0166G | 45 | 16 | 3.3 | 0.9 | <0.5 | 1.6 | 0.24 | 29.15 |
| 93BCW0167 | 64 | 23 | 4.8 | 1.3 | 0.6 | 1.9 | 0.38 | 34.76 |
| 93BCW0168 | 76 | 31 | 5.2 | 1.4 | <0.5 | 2.2 | 0.34 | 35.35 |
| 93BCW0169 | 80 | 34 | 5.6 | 1.3 | 0.9 | 2.1 | 0.34 | 35.86 |
| 93BCW0170 | 100 | 39 | 7.3 | 1.7 | 0.8 | 2.6 | 0.40 | 27.81 |
| 93BCW0171 | 110 | 45 | 7.8 | 1.7 | <0.5 | 2.6 | 0.42 | 29.89 |
| 93BCW0172 | 77 | 33 | 5.5 | 1.4 | <0.5 | 2.1 | 0.38 | 33.84 |
| 93BCW0173 | 56 | 24 | 4.1 | 1.1 | <0.5 | 1.8 | 0.28 | 32.22 |
| 93BCW0174 | 74 | 26 | 5.3 | 1.3 | <0.5 | 2.3 | 0.38 | 32.39 |
| 93BCW0175 | 80 | 30 | 5.7 | 1.4 | 0.8 | 2.2 | 0.34 | 30.81 |
| 93BCW0176 | 62 | 27 | 4.8 | 1.4 | <0.5 | 2.2 | 0.33 | 31.85 |
| 93BCW0177 | 56 | 21 | 4 | 1.2 | <0.5 | 1.8 | 0.29 | 34.42 |
| 93BCW0178 | 60 | 33 | 5.1 | 1.4 | <0.5 | 2.0 | 0.32 | 30.98 |
| 93BCW0179 | 70 | 24 | 4.7 | 1.4 | <0.5 | 1.9 | 0.28 | 33.8 |
| 93BCW0180 | 65 | 24 | 4.5 | 1.1 | <0.5 | 2.1 | 0.34 | 32.89 |
| 93BCW0181 | 56 | 19 | 4.2 | 1.1 | <0.5 | 1.9 | 0.31 | 31.98 |
| 93BCW0182 | 72 | 28 | 5.1 | 1.3 | 0.7 | 2.0 | 0.32 | 35.5 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|-----------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93BCW0183 | 2 | <5 | <0.5 | 690 | 2.5 | 2 | 6 | 51 | 1 | 2.03 | 8 | <1 | <5 | <1 |
| 93BCW0184 | <2 | <5 | 2.8 | 780 | 2.3 | 2 | 6 | 57 | 2 | 2.06 | 7 | <1 | <5 | <1 |
| 93BCW0185 | 4 | <5 | 2.7 | 620 | <0.5 | <5 | 6 | 51 | 3 | 1.83 | 8 | <1 | 5 | 3 |
| 93BCW0186 | 3 | <5 | 9.7 | 670 | 2.2 | 2 | 9 | 66 | 3 | 1.99 | 7 | <1 | <5 | <1 |
| 93BCW0187 | 5 | <5 | 6 | 500 | 3.3 | <5 | 6 | 47 | 3 | 1.64 | 7 | <1 | <5 | <1 |
| 93BCW0188 | 5 | <5 | 3.4 | 590 | <0.5 | 2 | 4 | 44 | 2 | 1.49 | 8 | <1 | <5 | <1 |
| 93BCW0189 | 3 | <5 | 5.6 | 620 | 2.9 | 1 | 5 | 46 | 2 | 1.49 | 6 | <1 | <5 | <1 |
| 93BCW0190 | 3 | <5 | 4.4 | 600 | 1.9 | <5 | 5 | 49 | 2 | 1.61 | 7 | <1 | <5 | <1 |
| 93BCW0191 | 5 | <5 | 5.2 | 600 | 3.4 | <5 | 5 | 46 | 2 | 1.63 | 7 | <1 | <5 | 3 |
| 93BCW0192 | <2 | <5 | 3.5 | 650 | <0.5 | 1 | 6 | 45 | 2 | 1.71 | 7 | <1 | <5 | 2 |
| 93BCW0193 | 4 | <5 | 1.1 | 640 | 1 | <5 | 5 | 46 | 2 | 1.73 | 8 | <1 | <5 | <1 |
| 93BCW0194 | 5 | <5 | 4.5 | 600 | <0.5 | 2 | 6 | 54 | 3 | 1.83 | 7 | <1 | <5 | <1 |
| 93BCW0195 | 4 | <5 | 5.4 | 600 | 2.9 | 2 | 6 | 58 | 4 | 1.99 | 11 | <1 | <5 | <1 |
| 93BCW0196 | 13 | <5 | 2.7 | 680 | <0.5 | <5 | 6 | 60 | 3 | 2.02 | 7 | <1 | <5 | <1 |
| 93BCW0197 | 6 | <5 | 3.8 | 720 | 3.3 | <5 | 6 | 59 | 2 | 1.92 | 9 | <1 | <5 | <1 |
| 93BCW0198 | 12 | <5 | 6.7 | 790 | <0.5 | 2 | 10 | 96 | 6 | 2.92 | 8 | <1 | <5 | <1 |
| 93BCW0199 | 9 | <5 | 13 | 620 | <0.5 | <5 | 11 | 88 | 4 | 3.11 | 7 | <1 | <5 | <1 |
| 93BCW0200 | 5 | <5 | 3.9 | 690 | 1.8 | <5 | 9 | 82 | 4 | 2.72 | 9 | <1 | <5 | <1 |
| 93BCW0202 | 6 | <5 | 8.2 | 580 | 2.5 | <5 | 10 | 60 | 3 | 2.31 | 6 | <1 | <5 | <1 |
| 93BCW0203 | 10 | <5 | 4.6 | 660 | 2.5 | 2 | 10 | 91 | 4 | 2.85 | 8 | <1 | <5 | <1 |
| 93DU0520 | 3 | <5 | 15 | 460 | 2.2 | 2 | 7 | 60 | 2 | 1.79 | 6 | <1 | <5 | <1 |
| 93DU0590 | <2 | <5 | 12 | 680 | <0.5 | 1 | 14 | 100 | 5 | 3.06 | 7 | <1 | <5 | <1 |
| 93DU0591 | 7 | <5 | 11 | 590 | 1.7 | 1 | 11 | 91 | 3 | 2.61 | 7 | <1 | <5 | <1 |
| 93DU0592 | 4 | <5 | 13 | 550 | 2.8 | 2 | 11 | 84 | 4 | 2.51 | 7 | <1 | <5 | <1 |
| 93DU0594 | 4 | <5 | 23 | 640 | <0.5 | 1 | 17 | 110 | 6 | 3.33 | 7 | <1 | <5 | <1 |
| 93DU0595 | 4 | <5 | 11 | 570 | 2.7 | 1 | 8 | 81 | 2 | 2.4 | 9 | <1 | <5 | <1 |
| 93DU0596 | 2 | <5 | 11 | 540 | 3.1 | 1 | 9 | 85 | 4 | 2.44 | 7 | <1 | <5 | <1 |
| 93DU0597 | 5 | <5 | 13 | 580 | 1.3 | <5 | 11 | 94 | 3 | 2.58 | 7 | <1 | <5 | <1 |
| 93DU0598 | 4 | <5 | 10 | 370 | 2.9 | 2 | 5 | 44 | 2 | 1.35 | 6 | <1 | <5 | <1 |
| 93DU0599 | 6 | <5 | 10 | 570 | 3.1 | 1 | 12 | 87 | 4 | 2.73 | 9 | <1 | <5 | <1 |
| 93DU0600 | 5 | <5 | 14 | 620 | 2.9 | 1 | 14 | 120 | 5 | 3.34 | 7 | <1 | <5 | <1 |
| 93DU0601 | 4 | <5 | 9.4 | 560 | 2.2 | 2 | 9 | 91 | 4 | 2.48 | 7 | <1 | <5 | <1 |
| 93DU0602 | 7 | <5 | 31 | 650 | 2.4 | 1 | 16 | 120 | 5 | 3.23 | 7 | <1 | <5 | <1 |
| 93DU0603 | 2 | <5 | 11 | 550 | 3.4 | 2 | 12 | 82 | 3 | 2.53 | 6 | <1 | <5 | <1 |
| 93DU0604 | 4 | <5 | 14 | 540 | 2.7 | <5 | 8 | 55 | 2 | 1.75 | 6 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|-----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93BCW0183 | 1.95 | 100 | 57 | <0.1 | 8.1 | <3 | <100 | <500 | <0.5 | 8.9 | 2.1 | <1 | <50 | 38 |
| 93BCW0184 | 1.92 | 83 | 72 | <0.1 | 8.2 | <3 | <100 | <500 | 1.3 | 7.1 | 2.5 | <1 | <50 | 29 |
| 93BCW0185 | 1.93 | <20 | 78 | <0.1 | 7.9 | <3 | <100 | <500 | <0.5 | 8.5 | 2.0 | <1 | 83 | 33 |
| 93BCW0186 | 1.98 | <20 | 69 | <0.1 | 8.0 | <3 | <100 | <500 | <0.5 | 8.7 | 2.1 | <1 | <50 | 33 |
| 93BCW0187 | 2.01 | 95 | 68 | <0.1 | 6.5 | <3 | <100 | <500 | <0.5 | 7.8 | 2.4 | <1 | <50 | 31 |
| 93BCW0188 | 2.09 | <20 | 72 | <0.1 | 6.3 | <3 | <100 | <500 | <0.5 | 8.2 | 2.4 | <1 | <50 | 34 |
| 93BCW0189 | 1.87 | <20 | 60 | <0.1 | 6.1 | <3 | <100 | <500 | <0.5 | 7.0 | 2.0 | <1 | <50 | 29 |
| 93BCW0190 | 1.96 | <20 | 51 | <0.1 | 6.3 | <3 | <100 | <500 | <0.5 | 6.9 | 2.2 | <1 | <50 | 29 |
| 93BCW0191 | 1.97 | <20 | 57 | <0.1 | 6.4 | <3 | <100 | <500 | <0.5 | 9.1 | 1.3 | <1 | <50 | 34 |
| 93BCW0192 | 1.76 | <20 | 47 | <0.1 | 6.7 | <3 | <100 | <500 | 1.1 | 7.3 | 2.0 | <1 | <50 | 30 |
| 93BCW0193 | 1.76 | <20 | 58 | <0.1 | 7.0 | <3 | <100 | <500 | <0.5 | 7.5 | 1.8 | <1 | 62 | 31 |
| 93BCW0194 | 1.96 | <20 | 72 | <0.1 | 7.5 | <3 | <100 | <500 | <0.5 | 7.6 | 1.9 | <1 | <50 | 32 |
| 93BCW0195 | 1.95 | <20 | 100 | 0.2 | 8.6 | <3 | <100 | <500 | <0.5 | 17.0 | 5.1 | <1 | 93 | 54 |
| 93BCW0196 | 1.88 | <20 | 62 | <0.1 | 8.5 | <3 | <100 | <500 | <0.5 | 7.6 | 2.3 | <1 | <50 | 28 |
| 93BCW0197 | 2.16 | <20 | 68 | <0.1 | 7.9 | <3 | <100 | <500 | 1.2 | 9.5 | 2.1 | <1 | 87 | 35 |
| 93BCW0198 | 2.13 | <23 | 120 | <0.1 | 12.0 | <3 | <100 | <500 | <0.5 | 15.0 | 5.6 | <1 | <50 | 47 |
| 93BCW0199 | 1.88 | <20 | 57 | 0.2 | 11.0 | <3 | <100 | <500 | <0.5 | 8.7 | 3.2 | <1 | 92 | 33 |
| 93BCW0200 | 2.06 | <21 | 76 | <0.1 | 10.0 | <3 | <100 | <500 | <0.5 | 9.0 | 3.6 | <1 | 93 | 35 |
| 93BCW0202 | 1.94 | <20 | 52 | 0.2 | 8.1 | <3 | <100 | <500 | <0.5 | 6.7 | 1.2 | <1 | 55 | 24 |
| 93BCW0203 | 2.07 | <20 | 87 | 0.3 | 11.0 | <3 | <100 | <500 | <0.5 | 11.0 | 4.7 | <1 | 137 | 43 |
| 93DU0520 | 2.4 | <20 | 66 | <0.1 | 7.3 | <3 | <100 | <500 | <0.5 | 9.1 | 2.9 | <1 | <50 | 35 |
| 93DU0590 | 1.98 | <20 | 95 | 0.2 | 12.0 | <3 | <100 | <500 | <0.5 | 14.0 | 6.8 | <1 | 95 | 41 |
| 93DU0591 | 1.95 | <20 | 63 | 0.2 | 11.0 | <3 | <100 | <500 | 0.9 | 9.9 | 3.5 | <1 | 59 | 37 |
| 93DU0592 | 1.84 | <20 | 55 | 0.2 | 10.0 | <3 | <100 | <500 | 1.2 | 10.0 | 5.1 | <1 | 54 | 36 |
| 93DU0594 | 1.88 | 130 | 84 | 0.025 | 13.0 | <3 | <100 | <500 | <0.5 | 11.0 | 6.4 | <1 | 89 | 37 |
| 93DU0595 | 1.96 | <20 | 43 | 0.2 | 9.9 | <3 | <100 | <500 | <0.5 | 10.0 | 2.7 | <1 | <50 | 42 |
| 93DU0596 | 1.85 | <20 | 73 | 0.2 | 10.0 | <3 | <100 | <500 | 1 | 10.0 | 4.2 | 4 | 66 | 36 |
| 93DU0597 | 1.96 | <20 | 63 | <0.1 | 11.0 | <3 | <100 | <500 | 0.7 | 11.0 | 3.0 | <1 | 73 | 41 |
| 93DU0598 | 2.44 | <20 | 52 | 0.2 | 5.5 | <3 | <100 | <500 | <0.5 | 12.0 | 2.8 | <1 | <50 | 41 |
| 93DU0599 | 2.04 | 90 | 79 | 0.025 | 11.0 | <3 | <100 | <500 | 0.7 | 14.0 | 5.6 | <1 | 61 | 47 |
| 93DU0600 | 1.92 | <20 | 89 | 0.4 | 13.0 | <3 | <100 | <500 | 0.9 | 11.0 | 4.5 | <1 | 82 | 37 |
| 93DU0601 | 2 | <20 | 79 | 0.2 | 10.0 | <3 | <100 | <500 | <0.5 | 8.6 | 2.7 | <1 | 71 | 34 |
| 93DU0602 | 1.86 | <20 | 79 | <0.1 | 12.0 | <3 | <100 | <500 | <0.5 | 11.0 | 4.2 | 2 | 71 | 44 |
| 93DU0603 | 1.88 | <20 | 67 | 0.025 | 9.6 | <3 | <100 | <500 | 1.1 | 9.3 | 3.1 | <1 | 66 | 33 |
| 93DU0604 | 2.05 | <20 | 67 | <0.1 | 6.8 | <3 | <100 | <500 | 0.6 | 9.5 | 2.9 | <1 | <50 | 35 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|-----------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93BCW0183 | 84 | 32 | 5.8 | 1.5 | 0.6 | 2.2 | 0.38 | 33.42 |
| 93BCW0184 | 63 | 27 | 4.6 | 1.1 | 0.8 | 2.0 | 0.30 | 31.22 |
| 93BCW0185 | 72 | 30 | 5.1 | 1.3 | 0.6 | 2.2 | 0.35 | 33.01 |
| 93BCW0186 | 74 | 27 | 5.2 | 1.3 | 0.7 | 1.9 | 0.33 | 34.61 |
| 93BCW0187 | 67 | 26 | 4.9 | 1.3 | 0.6 | 2.2 | 0.31 | 33.13 |
| 93BCW0188 | 73 | 28 | 5.3 | 1.2 | <0.5 | 2.4 | 0.36 | 32.39 |
| 93BCW0189 | 63 | 24 | 4.4 | 1.1 | <0.5 | 1.6 | 0.30 | 33.55 |
| 93BCW0190 | 62 | 25 | 4.4 | 1.2 | 0.6 | 1.8 | 0.31 | 37.49 |
| 93BCW0191 | 74 | 30 | 5.3 | 1.3 | 0.8 | 2.0 | 0.31 | 34.73 |
| 93BCW0192 | 65 | 25 | 4.5 | 1.2 | 0.6 | 1.8 | 0.30 | 35.49 |
| 93BCW0193 | 68 | 26 | 4.8 | 1.2 | 0.7 | 1.8 | 0.32 | 39.95 |
| 93BCW0194 | 68 | 24 | 4.8 | 1.2 | 0.7 | 2.1 | 0.33 | 34.28 |
| 93BCW0195 | 120 | 47 | 8.2 | 1.5 | 0.9 | 2.9 | 0.48 | 33.64 |
| 93BCW0196 | 63 | 26 | 4.5 | 1.2 | <0.5 | 2.0 | 0.29 | 32.86 |
| 93BCW0197 | 77 | 35 | 5.7 | 1.4 | <0.5 | 2.4 | 0.37 | 26.66 |
| 93BCW0198 | 110 | 45 | 8 | 1.5 | <0.5 | 2.9 | 0.41 | 23.33 |
| 93BCW0199 | 71 | 30 | 5.4 | 1.4 | <0.5 | 2.2 | 0.34 | 29.79 |
| 93BCW0200 | 80 | 33 | 5.5 | 1.4 | 0.6 | 2.4 | 0.38 | 25.55 |
| 93BCW0202 | 59 | 20 | 3.9 | 1.1 | <0.5 | 1.8 | 0.27 | 31.94 |
| 93BCW0203 | 92 | 37 | 6.7 | 1.5 | 0.9 | 2.6 | 0.44 | 29.91 |
| 93DU0520 | 62 | 24 | 4.8 | 1.2 | 0.6 | 1.8 | 0.28 | 31.23 |
| 93DU0590 | 78 | 34 | 5.9 | 1.3 | 0.9 | 2.2 | 0.30 | 27.17 |
| 93DU0591 | 66 | 31 | 5 | 1.3 | <0.5 | 2.1 | 0.32 | 32.25 |
| 93DU0592 | 66 | 25 | 4.9 | 1.2 | 0.6 | 2.0 | 0.30 | 30.17 |
| 93DU0594 | 70 | 29 | 5.4 | 1.3 | 0.6 | 2.2 | 0.33 | 27.78 |
| 93DU0595 | 79 | 31 | 5.7 | 1.4 | 0.9 | 2.4 | 0.38 | 35 |
| 93DU0596 | 68 | 26 | 5.1 | 1.2 | 0.9 | 2.1 | 0.33 | 29.89 |
| 93DU0597 | 77 | 31 | 5.8 | 1.4 | 0.6 | 2.2 | 0.36 | 32.85 |
| 93DU0598 | 77 | 32 | 5.7 | 1.3 | 0.6 | 2.0 | 0.32 | 34.66 |
| 93DU0599 | 89 | 39 | 6.8 | 1.4 | 0.8 | 2.4 | 0.37 | 29.66 |
| 93DU0600 | 71 | 33 | 5.3 | 1.4 | 0.7 | 2.2 | 0.33 | 25.84 |
| 93DU0601 | 64 | 27 | 4.8 | 1.2 | <0.5 | 1.9 | 0.30 | 32.26 |
| 93DU0602 | 83 | 35 | 6.2 | 1.5 | 0.9 | 2.1 | 0.36 | 26.55 |
| 93DU0603 | 63 | 28 | 4.7 | 1.2 | 0.6 | 1.9 | 0.29 | 32.33 |
| 93DU0604 | 65 | 27 | 4.8 | 1.2 | 0.7 | 1.8 | 0.30 | 33.68 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|----------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93DU0605 | <2 | <5 | 7.5 | 570 | 2.6 | 2 | 8 | 71 | 3 | 1.92 | 6 | <1 | <5 | <1 |
| 93DU0606 | 2 | <5 | 3 | 480 | 2.1 | 2 | 3 | 32 | 2 | 1 | 6 | <1 | <5 | <1 |
| 93DU0607 | 2 | <5 | 6.3 | 430 | 1.9 | 1 | 5 | 44 | 2 | 1.39 | 6 | <1 | <5 | <1 |
| 93DU0608 | <2 | <5 | 18 | 500 | 2.1 | 2 | 13 | 100 | 4 | 2.81 | 6 | <1 | <5 | <1 |
| 93DU0609 | <2 | <5 | 6.4 | 490 | 2 | 1 | 4 | 40 | 2 | 1.24 | 7 | <1 | <5 | <1 |
| 93DU0610 | 2 | <5 | 4.8 | 650 | 3.3 | <5 | 9 | 86 | 3 | 2.38 | 8 | <1 | <5 | <1 |
| 93DU0616 | 5 | <5 | 6.6 | 420 | 2.2 | 1 | 4 | 37 | 2 | 1.16 | 6 | <1 | <5 | <1 |
| 93DU0617 | <2 | <5 | 6.5 | 570 | 1.7 | 2 | 5 | 48 | 2 | 1.47 | 8 | <1 | <5 | <1 |
| 93DU0618 | 3 | <5 | 5.7 | 440 | 3.1 | 2 | 3 | 41 | 2 | 1.24 | 6 | <1 | <5 | <1 |
| 93DU0620 | <2 | <5 | 8.7 | 520 | 1.6 | 2 | 4 | 41 | 2 | 1.25 | 7 | <1 | <5 | <1 |
| 93DU0621 | 3 | <5 | 6.5 | 480 | 3.4 | 1 | 5 | 46 | 2 | 1.43 | 7 | <1 | <5 | <1 |
| 93DU0628 | 8 | <5 | 22 | 720 | 1.5 | <5 | 13 | 93 | 4 | 3.33 | 6 | <1 | <5 | <1 |
| 93DU0629 | <2 | <5 | 15 | 700 | 3.2 | <5 | 15 | 110 | 6 | 3.21 | 7 | <1 | <5 | <1 |
| 93DU0630 | 15 | <5 | 28 | 680 | 4.9 | <5 | 9 | 95 | 3 | 2.85 | 7 | <1 | <5 | <1 |
| 93DU0631 | 5 | <5 | 1.9 | 680 | <0.5 | 2 | 8 | 58 | 2 | 2.63 | 7 | <1 | <5 | <1 |
| 93DU0632 | 5 | <5 | 3.3 | 610 | 1 | <5 | 6 | 46 | 1 | 1.61 | 8 | <1 | <5 | <1 |
| 93DU0633 | <2 | <5 | 3.1 | 730 | <0.5 | <5 | 8 | 54 | 2 | 2.23 | 8 | <1 | <5 | <1 |
| 93DU0634 | <2 | <5 | -0.5 | 670 | 3.9 | <5 | 6 | 71 | 4 | 2.14 | 8 | <1 | <5 | 2 |
| 93DU0635 | 6 | <5 | 2.9 | 590 | 1.7 | <5 | 4 | 33 | 9 | 1.6 | 6 | <1 | <5 | <1 |
| 93DU0636 | <2 | <5 | 0.8 | 640 | 2.9 | <5 | 5 | 38 | 4 | 1.46 | 8 | <1 | <5 | <1 |
| 93DU0637 | <2 | <5 | 2.6 | 730 | <0.5 | <5 | 7 | 46 | 3 | 1.61 | 8 | <1 | <5 | <1 |
| 93DU0638 | <2 | <5 | 3.2 | 660 | <0.5 | <5 | 6 | 57 | 3 | 1.95 | 8 | <1 | <5 | 3 |
| 93DU0640 | 16 | <5 | 23 | 740 | 2.8 | 2 | 11 | 99 | 6 | 3.21 | 7 | <1 | <5 | <1 |
| 93DU0641 | 5 | <5 | 14 | 520 | <0.5 | <5 | 9 | 80 | 3 | 2.66 | 7 | <1 | <5 | <1 |
| 93DU0642 | 7 | <5 | 17 | 680 | 1.8 | 1 | 9 | 76 | 3 | 2.66 | 7 | <1 | <5 | <1 |
| 93DU0643 | 8 | <5 | 8.6 | 640 | 2.2 | 3 | 8 | 74 | 2 | 2.33 | 9 | <1 | <5 | <1 |
| 93DU0644 | <2 | <5 | 9.6 | 680 | 2.3 | 3 | 10 | 92 | 5 | 2.86 | 7 | <1 | <5 | <1 |
| 93DU0645 | <2 | <5 | 8.6 | 640 | <0.5 | 2 | 8 | 80 | 4 | 2.63 | 8 | <1 | <5 | <1 |
| 93DU0646 | 7 | <5 | 8.2 | 720 | 3.3 | <5 | 12 | 74 | 5 | 3.14 | 6 | <1 | <5 | <1 |
| 93DU0647 | 18 | <5 | 18 | 900 | 1.4 | <5 | 10 | 150 | 3 | 3.64 | 7 | <1 | <5 | <1 |
| 93DU0648 | <2 | <5 | 33 | 680 | 2.8 | <5 | 10 | 120 | 4 | 3.48 | 7 | <1 | <5 | 1 |
| 93DU0649 | 8 | <5 | 9.5 | 720 | 4.2 | <5 | 9 | 65 | 3 | 2.22 | 8 | <1 | <5 | <1 |
| 93DU0650 | <2 | <5 | 12 | 780 | 2.1 | <5 | 7 | 55 | 1 | 2.08 | 8 | <1 | <5 | 1 |
| 93DU0651 | 6 | <5 | 19 | 740 | 5.3 | <5 | 10 | 71 | 3 | 3.3 | 8 | <1 | <5 | <1 |
| 93DU0652 | 11 | <5 | 65 | 740 | 2.3 | <5 | 20 | 150 | 5 | 5.5 | 5 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93DU0605 | 2.03 | <20 | 74 | <0.1 | 7.2 | <3 | <100 | <500 | <0.5 | 8.9 | 2.9 | 1 | 63 | 32 |
| 93DU0606 | 2.3 | <20 | 54 | 0.2 | 4.4 | <3 | <100 | <500 | <0.5 | 7.3 | 2.5 | <1 | <50 | 29 |
| 93DU0607 | 2.09 | <20 | 61 | 0.025 | 5.7 | <3 | <100 | <500 | 1 | 10.0 | 2.3 | <1 | <50 | 36 |
| 93DU0608 | 1.78 | <20 | 65 | <0.1 | 11.0 | <3 | <100 | <500 | 0.9 | 9.9 | 4.1 | 2 | 76 | 37 |
| 93DU0609 | 2.26 | <20 | 52 | 0.025 | 5.3 | <3 | <100 | <500 | <0.5 | 11.0 | 3.3 | <1 | <50 | 41 |
| 93DU0610 | 2.13 | <20 | 93 | 0.025 | 9.9 | <3 | <100 | <500 | <0.5 | 12.0 | 5.1 | <1 | 65 | 47 |
| 93DU0616 | 2.25 | <20 | 52 | 0.025 | 4.7 | <3 | <100 | <500 | <0.5 | 8.4 | 2.7 | 2 | <50 | 34 |
| 93DU0617 | 2.3 | <20 | 65 | 0.025 | 6.0 | <3 | <100 | <500 | 1.2 | 9.9 | 2.9 | <1 | <50 | 42 |
| 93DU0618 | 2.42 | <20 | 65 | 0.2 | 4.8 | <3 | <100 | <500 | 0.6 | 8.5 | 2.7 | <1 | <50 | 32 |
| 93DU0620 | 2.25 | <20 | 56 | 0.025 | 5.1 | <3 | <100 | <500 | 0.8 | 9.5 | 1.9 | <1 | <50 | 34 |
| 93DU0621 | 2.17 | <20 | 60 | 0.025 | 5.9 | <3 | <100 | <500 | 0.7 | 8.4 | 3.0 | <1 | <50 | 32 |
| 93DU0628 | 1.65 | <33 | 96 | 0.025 | 12.0 | <3 | <100 | <500 | <0.5 | 8.3 | 4.8 | 4 | <50 | 30 |
| 93DU0629 | 1.65 | <35 | 52 | 0.025 | 13.0 | <3 | <100 | <500 | <0.5 | 11.0 | 4.4 | <1 | <50 | 44 |
| 93DU0630 | 1.67 | <31 | 48 | 0.025 | 11.0 | <3 | <100 | <500 | <0.5 | 7.7 | 3.2 | <1 | <50 | 33 |
| 93DU0631 | 1.61 | <27 | 54 | 0.025 | 9.9 | <3 | <100 | <500 | 1.3 | 6.7 | 1.8 | <1 | <50 | 28 |
| 93DU0632 | 1.88 | 130 | 81 | 0.025 | 7.0 | <3 | <100 | <500 | <0.5 | 8.1 | 2.2 | <1 | <50 | 31 |
| 93DU0633 | 1.81 | <29 | 96 | 0.025 | 8.8 | <3 | <100 | <500 | <0.5 | 7.6 | 2.2 | <1 | <50 | 29 |
| 93DU0634 | 1.64 | <29 | 93 | 0.025 | 8.5 | <3 | <100 | <500 | <0.5 | 7.3 | 2.6 | <1 | <50 | 29 |
| 93DU0635 | 1.97 | <31 | 150 | 0.4 | 5.4 | <3 | <100 | <500 | 2.4 | 11.0 | 4.4 | <1 | <50 | 26 |
| 93DU0636 | 2.16 | <31 | 110 | 0.025 | 6.6 | <3 | <100 | <500 | 2.7 | 7.9 | 5.5 | <1 | <50 | 22 |
| 93DU0637 | 1.93 | <28 | 98 | 0.025 | 7.3 | <3 | <100 | <500 | <0.5 | 7.3 | 3.0 | <1 | <50 | 25 |
| 93DU0638 | 2.01 | <30 | 120 | 0.2 | 8.0 | <3 | <100 | <500 | <0.5 | 8.0 | 4.1 | <1 | <50 | 28 |
| 93DU0640 | 1.84 | <27 | 100 | 0.3 | 12.0 | <3 | <100 | <500 | <0.5 | 8.3 | 3.3 | <1 | <50 | 34 |
| 93DU0641 | 1.81 | <25 | 58 | 0.4 | 10.0 | <3 | <100 | <500 | <0.5 | 7.4 | 2.7 | <1 | 74 | 29 |
| 93DU0642 | 1.8 | <25 | 71 | 0.025 | 9.9 | <3 | <100 | <500 | <0.5 | 7.4 | 2.7 | <1 | 58 | 28 |
| 93DU0643 | 1.71 | <24 | 69 | 0.2 | 9.2 | <3 | <100 | <500 | <0.5 | 9.8 | 3.1 | <1 | <50 | 41 |
| 93DU0644 | 1.8 | <26 | 85 | 0.025 | 11.0 | <3 | <100 | <500 | <0.5 | 8.4 | 3.6 | <1 | <50 | 32 |
| 93DU0645 | 1.98 | <27 | 85 | 0.025 | 11.0 | <3 | <100 | <500 | <0.5 | 9.6 | 3.1 | <1 | <50 | 36 |
| 93DU0646 | 1.83 | <26 | 66 | 0.3 | 11.0 | <3 | <100 | <500 | 1.6 | 6.3 | 3.5 | <1 | 69 | 24 |
| 93DU0647 | 1.55 | 120 | 78 | 0.025 | 16.0 | <3 | <100 | <500 | <0.5 | 7.4 | 3.4 | 3 | 152 | 29 |
| 93DU0648 | 1.75 | <26 | 69 | 0.025 | 13.0 | <3 | <100 | <500 | <0.5 | 7.9 | 2.0 | <1 | 99 | 28 |
| 93DU0649 | 1.69 | <23 | 57 | 0.025 | 8.5 | <3 | <100 | <500 | 1.2 | 7.7 | 2.2 | <1 | <50 | 26 |
| 93DU0650 | 1.61 | <22 | 54 | 0.2 | 8.2 | <3 | <100 | <500 | <0.5 | 6.6 | 1.6 | <1 | <50 | 24 |
| 93DU0651 | 1.5 | <23 | 34 | 0.6 | 11.0 | <3 | <100 | <500 | 1.3 | 6.7 | 2.6 | <1 | <50 | 24 |
| 93DU0652 | 1.35 | <26 | 84 | 1.2 | 18.0 | <3 | <100 | <500 | <0.5 | 8.0 | 2.3 | <1 | 117 | 36 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93DU0605 | 58 | 23 | 4.2 | 1 | <0.5 | 1.8 | 0.28 | 34.15 |
| 93DU0606 | 51 | 23 | 4 | 1.1 | 0.5 | 1.8 | 0.25 | 39.48 |
| 93DU0607 | 67 | 27 | 5 | 1.2 | 0.6 | 2.0 | 0.31 | 35.27 |
| 93DU0608 | 69 | 27 | 5.2 | 1.3 | 0.7 | 2.0 | 0.28 | 30.48 |
| 93DU0609 | 73 | 33 | 5.6 | 1.3 | 0.8 | 2.2 | 0.35 | 36.53 |
| 93DU0610 | 89 | 36 | 6.6 | 1.4 | <0.5 | 2.7 | 0.40 | 26.49 |
| 93DU0616 | 64 | 28 | 4.8 | 1.2 | 0.6 | 2.0 | 0.32 | 37.34 |
| 93DU0617 | 77 | 32 | 5.7 | 1.3 | 0.7 | 2.5 | 0.36 | 35.37 |
| 93DU0618 | 60 | 26 | 4.4 | 1.2 | <0.5 | 1.7 | 0.29 | 35.92 |
| 93DU0620 | 64 | 27 | 4.8 | 1.2 | 0.6 | 2.0 | 0.32 | 39.04 |
| 93DU0621 | 60 | 23 | 4.4 | 1.1 | <0.5 | 1.9 | 0.29 | 37.26 |
| 93DU0628 | 65 | 28 | 5.1 | 1.3 | <0.5 | 1.6 | 0.26 | 29.86 |
| 93DU0629 | 94 | 46 | 7.5 | 1.8 | 1.5 | 2.3 | 0.28 | 27.72 |
| 93DU0630 | 66 | 28 | 5.5 | 1.3 | 0.7 | 1.9 | 0.34 | 31.24 |
| 93DU0631 | 59 | 23 | 4.9 | 1.1 | <0.5 | 1.5 | 0.18 | 37.88 |
| 93DU0632 | 66 | 21 | 5.2 | 1 | <0.5 | 1.6 | 0.28 | 39.25 |
| 93DU0633 | 66 | 30 | 5.1 | 1.3 | <0.5 | 1.9 | 0.33 | 37.61 |
| 93DU0634 | 62 | 22 | 4.8 | 1.1 | <0.5 | 1.4 | 0.15 | 32.82 |
| 93DU0635 | 62 | 24 | 4.5 | 0.9 | <0.5 | 1.1 | 0.11 | 29.94 |
| 93DU0636 | 48 | 15 | 3.9 | 0.9 | <0.5 | 1.5 | 0.06 | 31.74 |
| 93DU0637 | 53 | 24 | 4.4 | 1.1 | <0.5 | 1.8 | 0.28 | 37.54 |
| 93DU0638 | 63 | 27 | 4.9 | 1.1 | <0.5 | 1.7 | 0.13 | 33.18 |
| 93DU0640 | 74 | 30 | 5.7 | 1.3 | <0.5 | 1.7 | 0.15 | 30.13 |
| 93DU0641 | 63 | 23 | 5.1 | 1.3 | 0.6 | 1.7 | 0.10 | 31.91 |
| 93DU0642 | 64 | 27 | 4.8 | 1.2 | <0.5 | 1.5 | 0.20 | 32.33 |
| 93DU0643 | 86 | 33 | 6.8 | 1.3 | <0.5 | 2.1 | 0.30 | 34.17 |
| 93DU0644 | 68 | 25 | 5.4 | 1.3 | <0.5 | 1.6 | 0.29 | 30.86 |
| 93DU0645 | 80 | 27 | 6.3 | 1.5 | <0.5 | 2.3 | 0.33 | 30.47 |
| 93DU0646 | 55 | 27 | 4.5 | 1.2 | <0.5 | 2.0 | 0.33 | 29.36 |
| 93DU0647 | 65 | 30 | 5.1 | 1.4 | <0.5 | 2.0 | 0.35 | 29.67 |
| 93DU0648 | 63 | 21 | 4.6 | 1.3 | <0.5 | 1.8 | 0.29 | 30.77 |
| 93DU0649 | 59 | 23 | 4.6 | 1.1 | <0.5 | 1.6 | 0.28 | 34 |
| 93DU0650 | 54 | 20 | 4.1 | 1.1 | 0.9 | 1.7 | 0.24 | 34.74 |
| 93DU0651 | 55 | 27 | 4.1 | 1.1 | <0.5 | 1.8 | 0.29 | 26.36 |
| 93DU0652 | 74 | 37 | 6.4 | 1.6 | 0.7 | 2.1 | 0.34 | 27.79 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|-----------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93DU0653 | 12 | <5 | 33 | 570 | 2 | 1 | 18 | 73 | 3 | 3.29 | 6 | <1 | <5 | <1 |
| 93DU0654 | <2 | <5 | 13 | 610 | 1.9 | 2 | 8 | 68 | 2 | 2.34 | 7 | <1 | <5 | <1 |
| 93DU0655 | <2 | <5 | 19 | 580 | 2.1 | <5 | 11 | 79 | 2 | 2.82 | 9 | <1 | <5 | <1 |
| 93DU0656 | 4 | <5 | 26 | 600 | 5.4 | <5 | 19 | 110 | 7 | 4.27 | 7 | <1 | <5 | <1 |
| 93DU0657 | 6 | <5 | 7.2 | 730 | 2.1 | 2 | 7 | 62 | 2 | 2.12 | 7 | <1 | <5 | <1 |
| 93DU0658 | <2 | <5 | 5.4 | 670 | 4.2 | <5 | 7 | 62 | 3 | 2.34 | 9 | <1 | <5 | <1 |
| 93DU0659 | 7 | <5 | 16 | 690 | <0.5 | 3 | 11 | 88 | 4 | 3.31 | 7 | <1 | <5 | <1 |
| 93DU0660 | 8 | <5 | 12 | 550 | 4.4 | <5 | 11 | 95 | 4 | 3.37 | 7 | <1 | <5 | <1 |
| 93DU0661 | 6 | <5 | 7.4 | 660 | 1.8 | <5 | 12 | 91 | 5 | 2.91 | 7 | <1 | <5 | <1 |
| 93DU0662 | <2 | <5 | 11 | 740 | 2.6 | <5 | 11 | 93 | 5 | 2.97 | 6 | <1 | <5 | <1 |
| 93DU0663 | 13 | <5 | 12 | 650 | 2.8 | 1 | 8 | 61 | 3 | 2.25 | 9 | <1 | <5 | <1 |
| 93DU0664 | 9 | <5 | 2.8 | 660 | 1.4 | 3 | 5 | 52 | 3 | 1.99 | 10 | <1 | <5 | <1 |
| 93DU0665 | 6 | <5 | 3.2 | 580 | <0.5 | <5 | 6 | 55 | 3 | 1.82 | 8 | <1 | <5 | <1 |
| 93DU0666 | 4 | <5 | 5.1 | 580 | 1.7 | 2 | 5 | 44 | 2 | 1.7 | 7 | <1 | <5 | <1 |
| 93DU0667 | 13 | <5 | 7.7 | 600 | 2.4 | 2 | 6 | 49 | 2 | 1.88 | 9 | <1 | <5 | <1 |
| 93DU0668 | 7 | <5 | 6.7 | 620 | 1.2 | 2 | 11 | 78 | 5 | 2.51 | 7 | <1 | <5 | <1 |
| 93DU0669 | 8 | <5 | 16 | 460 | 2.5 | 1 | 10 | 63 | 3 | 2.72 | 6 | <1 | <5 | <1 |
| 93DU0670 | 4 | <5 | 3 | 630 | 6.2 | 1 | 14 | 130 | 10 | 4.14 | 7 | <1 | <5 | <1 |
| 93DU0670G | <2 | <5 | 1.4 | 480 | 19 | 3 | 5 | 43 | 5 | 9.33 | 6 | <1 | <5 | <1 |
| 93DU0672 | 12 | <5 | 6 | 760 | 1.7 | <5 | 7 | 61 | 5 | 2.06 | 10 | <1 | <5 | <1 |
| 93DU0673 | <2 | <5 | 2.2 | 630 | 1 | 2 | 6 | 42 | 2 | 1.56 | 8 | <1 | <5 | <1 |
| 93DU0674 | <2 | <5 | 11 | 740 | <0.5 | 2 | 14 | 110 | 5 | 3.56 | 6 | <1 | <5 | <1 |
| 93DU0675 | 3 | <5 | 2.7 | 680 | <0.5 | 1 | 5 | 48 | 2 | 1.77 | 9 | <1 | <5 | <1 |
| 93DU0676 | <2 | <5 | 3 | 740 | <0.5 | 2 | 8 | 54 | 2 | 2.15 | 7 | <1 | <5 | <1 |
| 93DU0677 | 16 | <5 | 4.2 | 740 | 2.4 | 2 | 8 | 64 | 3 | 2.53 | 12 | <1 | <5 | <1 |
| 93DU0678 | 16 | <5 | 4 | 510 | 1.6 | <5 | 5 | 49 | 2 | 1.67 | 7 | <1 | <5 | <1 |
| 93DU0679 | <2 | <5 | 3.5 | 630 | 1.5 | <5 | 4 | 44 | 3 | 1.54 | 6 | <1 | <5 | <1 |
| 93DU0680 | 6 | <5 | 3.2 | 650 | 2.6 | <5 | 5 | 54 | 2 | 1.85 | 9 | <1 | <5 | <1 |
| 93DU0682 | 8 | <5 | 4 | 600 | 1.2 | 2 | 6 | 61 | 3 | 2.03 | 8 | <1 | <5 | <1 |
| 93DU0683 | <2 | <5 | 5.4 | 610 | 2.2 | 1 | 5 | 43 | 1 | 1.49 | 7 | <1 | <5 | <1 |
| 93DU0684 | <2 | <5 | 3.5 | 730 | 2.3 | <5 | 5 | 45 | 2 | 1.61 | 7 | <1 | <5 | <1 |
| 93DU0685 | <2 | <5 | 3.9 | 690 | 2.7 | 1 | 7 | 54 | 2 | 2.01 | 7 | <1 | <5 | <1 |
| 93DU0686 | <2 | <5 | 17 | 630 | 2.7 | 2 | 6 | 54 | 3 | 2.14 | 7 | <1 | <5 | <1 |
| 93DU0687 | 4 | <5 | 3.8 | 750 | 3.3 | <5 | 6 | 60 | 3 | 1.98 | 8 | <1 | <5 | <1 |
| 93DU0688 | 6 | <5 | 4 | 630 | <0.5 | 2 | 6 | 60 | 3 | 1.93 | 7 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|-----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93DU0653 | 1.69 | <21 | 38 | 0.4 | 9.6 | <3 | <100 | <500 | 1.3 | 6.6 | 1.8 | <1 | <50 | 27 |
| 93DU0654 | 1.91 | <22 | 68 | 0.3 | 9.1 | <3 | <100 | <500 | <0.5 | 6.5 | 2.6 | <1 | <50 | 26 |
| 93DU0655 | 1.89 | 100 | 74 | 0.2 | 10.0 | <3 | <100 | <500 | <0.5 | 7.7 | 3.4 | <1 | <50 | 31 |
| 93DU0656 | 1.81 | 130 | 67 | <0.1 | 15.0 | <3 | <100 | <500 | <0.5 | 7.4 | 3.6 | <1 | <50 | 29 |
| 93DU0657 | 2.17 | <21 | 73 | 0.025 | 7.6 | <3 | <100 | <500 | <0.5 | 6.2 | 2.7 | <1 | <50 | 23 |
| 93DU0658 | 1.9 | <21 | 69 | 0.2 | 8.4 | <3 | <100 | <500 | <0.5 | 8.3 | 2.6 | <1 | <50 | 30 |
| 93DU0659 | 1.87 | <22 | 64 | 0.4 | 12.0 | <3 | <100 | <500 | <0.5 | 7.8 | 3.2 | 2 | <50 | 30 |
| 93DU0660 | 1.84 | <23 | 100 | 0.025 | 12.0 | <3 | <100 | <500 | 1.3 | 8.3 | 3.3 | <1 | 57 | 32 |
| 93DU0661 | 2.06 | <23 | 110 | 0.025 | 11.0 | <3 | <100 | <500 | <0.5 | 12.0 | 6.8 | <1 | <50 | 36 |
| 93DU0662 | 1.84 | <22 | 99 | 0.025 | 12.0 | <3 | <100 | <500 | 1.2 | 9.9 | 4.1 | <1 | 76 | 35 |
| 93DU0663 | 2.12 | <21 | 67 | 0.025 | 8.6 | <3 | <100 | <500 | <0.5 | 13.0 | 4.0 | <1 | <50 | 44 |
| 93DU0664 | 2.03 | <20 | 85 | 0.025 | 8.3 | <3 | <100 | <500 | 1.7 | 11.0 | 3.3 | <1 | <50 | 42 |
| 93DU0665 | 1.91 | <20 | 80 | <0.1 | 8.0 | 3 | <100 | <500 | <0.5 | 8.6 | 3.2 | <1 | <50 | 32 |
| 93DU0666 | 2.06 | <20 | 63 | 0.025 | 7.0 | <3 | <100 | <500 | 1.3 | 8.0 | 2.8 | <1 | 82 | 31 |
| 93DU0667 | 2.14 | <20 | 88 | 0.2 | 7.6 | <3 | <100 | <500 | <0.5 | 12.0 | 3.2 | <1 | <50 | 45 |
| 93DU0668 | 1.81 | <20 | 60 | 0.025 | 9.6 | <3 | <100 | <500 | 1.4 | 8.9 | 3.9 | <1 | <50 | 32 |
| 93DU0669 | 1.89 | <20 | 61 | 0.025 | 8.7 | <3 | <100 | <500 | 1.8 | 6.0 | 2.7 | <1 | <50 | 27 |
| 93DU0670 | 2.08 | <21 | 57 | 0.3 | 13.0 | <3 | <100 | <500 | <0.5 | 5.3 | 2.7 | <1 | 93 | 26 |
| 93DU0670G | 2.05 | <23 | 73 | 0.025 | 13.0 | <3 | <100 | 710 | <0.5 | 3.7 | <0.5 | <1 | 157 | 14 |
| 93DU0672 | 2.08 | <20 | 100 | 0.025 | 8.5 | <3 | <100 | <500 | 1.2 | 10.0 | 4.3 | <1 | 55 | 37 |
| 93DU0673 | 1.95 | <20 | 93 | <0.1 | 6.7 | <3 | <100 | <500 | <0.5 | 7.4 | 2.6 | <1 | <50 | 25 |
| 93DU0674 | 1.95 | <22 | 100 | 0.2 | 13.0 | <3 | <100 | 530 | 1.5 | 8.6 | 7.2 | <1 | 76 | 33 |
| 93DU0675 | 2.03 | <20 | 47 | 0.025 | 7.8 | <3 | <100 | <500 | <0.5 | 8.5 | 2.9 | <1 | <50 | 35 |
| 93DU0676 | 2.04 | <20 | 67 | 0.025 | 8.2 | <3 | <100 | <500 | 1.6 | 6.6 | 2.1 | <1 | <50 | 26 |
| 93DU0677 | 2 | <20 | 65 | 0.025 | 9.9 | <3 | <100 | 570 | 1.5 | 14.0 | 3.7 | <1 | <50 | 52 |
| 93DU0678 | 2.02 | <20 | 78 | 0.025 | 6.8 | <3 | <100 | <500 | <0.5 | 7.3 | 2.3 | <1 | <50 | 28 |
| 93DU0679 | 2.17 | <20 | 88 | 0.025 | 6.3 | <3 | <100 | <500 | <0.5 | 7.1 | 2.7 | <1 | <50 | 26 |
| 93DU0680 | 2.08 | <20 | 53 | 0.025 | 8.0 | <3 | <100 | <500 | <0.5 | 11.0 | 3.7 | <1 | <50 | 39 |
| 93DU0682 | 2.1 | <20 | 81 | 0.2 | 8.2 | <3 | <100 | <500 | 1 | 10.0 | 3.5 | <1 | <50 | 38 |
| 93DU0683 | 2.23 | <20 | 60 | 0.025 | 6.4 | <3 | <100 | <500 | <0.5 | 7.9 | 2.6 | <1 | 62 | 31 |
| 93DU0684 | 2.11 | <20 | 77 | 0.025 | 6.7 | <3 | <100 | <500 | <0.5 | 7.9 | 2.8 | <1 | <50 | 31 |
| 93DU0685 | 1.89 | 83 | 67 | <0.1 | 7.4 | <3 | <100 | <500 | 1.2 | 7.9 | 2.5 | <1 | 54 | 30 |
| 93DU0686 | 2.08 | 69 | 62 | 0.025 | 7.7 | <3 | <100 | <500 | <0.5 | 10.0 | 2.6 | <1 | <50 | 38 |
| 93DU0687 | 1.88 | <20 | 60 | 0.025 | 8.0 | <3 | <100 | <500 | 1 | 8.4 | 2.8 | <1 | 61 | 34 |
| 93DU0688 | 2.02 | <20 | 70 | 0.025 | 8.1 | <3 | <100 | <500 | 1.1 | 8.4 | 3.0 | <1 | <50 | 31 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|-----------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93DU0653 | 59 | 22 | 4.5 | 1.2 | <0.5 | 1.5 | 0.22 | 35.03 |
| 93DU0654 | 57 | 27 | 4.6 | 1.2 | <0.5 | 1.7 | 0.31 | 31.67 |
| 93DU0655 | 68 | 24 | 5.3 | 1.3 | 0.7 | 1.9 | 0.36 | 35.15 |
| 93DU0656 | 64 | 28 | 5.2 | 1.4 | 0.6 | 2.3 | 0.35 | 28.8 |
| 93DU0657 | 54 | 20 | 4.1 | 1.2 | 0.5 | 1.5 | 0.22 | 35.15 |
| 93DU0658 | 69 | 24 | 5.5 | 1.3 | <0.5 | 1.7 | 0.30 | 34.11 |
| 93DU0659 | 63 | 29 | 5.2 | 1.4 | <0.5 | 2.0 | 0.31 | 32.99 |
| 93DU0660 | 74 | 27 | 5.6 | 1.4 | <0.5 | 2.1 | 0.35 | 30.62 |
| 93DU0661 | 81 | 34 | 6.5 | 1.4 | 1 | 2.3 | 0.37 | 32.15 |
| 93DU0662 | 75 | 34 | 5.9 | 1.4 | <0.5 | 2.1 | 0.33 | 28.48 |
| 93DU0663 | 96 | 44 | 7.5 | 1.5 | 0.8 | 2.4 | 0.44 | 30.27 |
| 93DU0664 | 90 | 43 | 6.9 | 1.3 | 0.7 | 2.5 | 0.42 | 35.78 |
| 93DU0665 | 72 | 29 | 5.4 | 1.3 | <0.5 | 2.0 | 0.33 | 33.7 |
| 93DU0666 | 69 | 28 | 5.4 | 1.2 | 0.6 | 2.0 | 0.34 | 34.45 |
| 93DU0667 | 100 | 42 | 7.5 | 1.6 | 0.8 | 2.6 | 0.40 | 34.22 |
| 93DU0668 | 73 | 30 | 5.6 | 1.3 | 0.7 | 2.0 | 0.30 | 30.77 |
| 93DU0669 | 59 | 22 | 4.3 | 1.1 | <0.5 | 1.6 | 0.27 | 31.44 |
| 93DU0670 | 58 | 26 | 5.2 | 1.4 | 0.8 | 2.1 | 0.37 | 31.32 |
| 93DU0670G | 32 | 15 | 2.8 | 1.1 | <0.5 | 2.3 | 0.40 | 30.32 |
| 93DU0672 | 81 | 31 | 6.4 | 1.3 | 0.9 | 2.5 | 0.41 | 32.13 |
| 93DU0673 | 56 | 25 | 4.4 | 1 | 0.6 | 1.7 | 0.31 | 35.83 |
| 93DU0674 | 76 | 30 | 5.8 | 1.5 | <0.5 | 2.0 | 0.33 | 26.95 |
| 93DU0675 | 76 | 31 | 5.8 | 1.3 | <0.5 | 2.1 | 0.38 | 33.93 |
| 93DU0676 | 60 | 28 | 4.6 | 1.2 | <0.5 | 1.8 | 0.29 | 31.74 |
| 93DU0677 | 110 | 47 | 8.4 | 1.7 | 0.9 | 3.0 | 0.51 | 32.07 |
| 93DU0678 | 60 | 21 | 4.8 | 1.2 | <0.5 | 1.8 | 0.31 | 37.63 |
| 93DU0679 | 57 | 21 | 4.6 | 1.2 | <0.5 | 1.7 | 0.28 | 32.62 |
| 93DU0680 | 89 | 34 | 6.7 | 1.5 | <0.5 | 2.3 | 0.43 | 34.44 |
| 93DU0682 | 80 | 32 | 6.3 | 1.4 | <0.5 | 2.2 | 0.34 | 32.65 |
| 93DU0683 | 69 | 23 | 5.3 | 1.3 | 0.7 | 2.0 | 0.29 | 32.88 |
| 93DU0684 | 67 | 29 | 5.4 | 1.3 | 0.6 | 1.9 | 0.31 | 32.89 |
| 93DU0685 | 67 | 26 | 4.9 | 1.3 | 0.7 | 1.6 | 0.29 | 35.74 |
| 93DU0686 | 80 | 33 | 6.3 | 1.4 | 0.7 | 1.9 | 0.32 | 34.39 |
| 93DU0687 | 72 | 31 | 5.6 | 1.3 | <0.5 | 2.0 | 0.34 | 29.67 |
| 93DU0688 | 69 | 26 | 5.2 | 1.3 | 0.7 | 2.1 | 0.32 | 33.4 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|--------------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93DU0689 | <2 | <5 | 3.2 | 700 | 2.1 | <5 | 6 | 60 | 3 | 2.03 | 7 | <1 | <5 | <1 |
| 93DU0690 | 7 | <5 | 5.3 | 600 | 2 | 1 | 7 | 72 | 4 | 2.39 | 7 | <1 | <5 | <1 |
| 93DU0691 | 5 | <5 | 9 | 690 | 1.6 | 2 | 11 | 86 | 3 | 3.22 | 8 | <1 | <5 | <1 |
| 93DU0693 | <2 | <5 | 8.9 | 630 | 2.8 | 2 | 11 | 67 | 3 | 2.48 | 6 | <1 | <5 | <1 |
| 93DU0695 | 6 | <5 | 8.9 | 600 | 2 | <5 | 10 | 73 | 4 | 2.83 | 7 | <1 | <5 | <1 |
| 93DU0696 | 4 | <5 | 2.4 | 720 | 2.1 | 2 | 8 | 71 | 4 | 2.33 | 6 | <1 | <5 | <1 |
| 93DU0698 | <2 | <5 | 5.7 | 670 | 2.7 | 1 | 5 | 42 | 2 | 1.56 | 7 | <1 | <5 | <1 |
| 93DU0699 | 5 | <5 | 2.8 | 720 | 1.2 | 1 | 6 | 54 | 2 | 1.9 | 8 | <1 | <5 | <1 |
| 93DU0700 | <2 | <5 | 3.5 | 670 | <0.5 | 2 | 5 | 54 | 3 | 1.84 | 9 | <1 | <5 | 2 |
| 93DU0701 | <2 | <5 | 3.4 | 670 | <0.5 | 1 | 5 | 41 | 2 | 1.62 | 7 | <1 | <5 | <1 |
| 93DU0702 | <2 | <5 | 2.7 | 610 | 1.3 | <5 | 6 | 53 | 2 | 1.78 | 7 | <1 | <5 | <1 |
| 93DU0703 | 5 | <5 | 9 | 600 | 1.6 | 1 | 9 | 80 | 3 | 2.71 | 6 | <1 | <5 | 1 |
| 93DU0704 | <2 | <5 | 3.1 | 740 | 3.1 | <5 | 7 | 63 | 4 | 2.22 | 7 | <1 | <5 | <1 |
| 93DU0705 | 5 | <5 | 4.8 | 700 | 3.7 | <5 | 7 | 64 | 4 | 1.97 | 7 | <1 | <5 | <1 |
| 93BCW0001dup | 4 | <5 | 6.9 | 510 | 2.3 | 1 | 5 | 40 | 1 | 1.64 | 7 | <1 | <5 | <1 |
| 93BCW0022dup | <2 | <5 | 8.5 | 600 | 2.4 | <5 | 7 | 54 | 3 | 1.87 | 7 | <1 | <5 | <1 |
| lab standard | 204 | <5 | 7.8 | 630 | 2.2 | <5 | 9 | 56 | <1 | 2.6 | 8 | <1 | <5 | <1 |
| 93BCW0042dup | 5 | <5 | 10 | 500 | 2.4 | 2 | 4 | 37 | 1 | 1.46 | 8 | <1 | <5 | <1 |
| 93BCW0053dup | 4 | <5 | 2 | 640 | 2.2 | 1 | 6 | 57 | 2 | 1.99 | 10 | <1 | <5 | <1 |
| 93BCW0054dup | 9 | <5 | 6.7 | 500 | 3.2 | <5 | 4 | 44 | 1 | 1.52 | 7 | 1 | <5 | <1 |
| 93BCW0082dup | 4 | <5 | 7.1 | 600 | 3.1 | 2 | 7 | 57 | 2 | 1.86 | 7 | <1 | <5 | <1 |
| 93BCW0091dup | <2 | <5 | 3.7 | 540 | 2.1 | 2 | 5 | 55 | 2 | 1.76 | 8 | <1 | <5 | <1 |
| 93BCW0103dup | 5 | <5 | 16 | 590 | <0.5 | 2 | 10 | 79 | 3 | 2.51 | 7 | <1 | <5 | <1 |
| lab standard | 196 | <5 | 7.4 | 570 | 2.6 | <5 | 8 | 52 | <1 | 2.42 | 7 | <1 | <5 | 1 |
| 93BCW0115dup | 8 | <5 | 19 | 600 | 3.7 | 2 | 6 | 47 | 2 | 1.79 | 6 | <1 | <5 | 1 |
| 93BCW0131dup | <2 | <5 | 5.8 | 400 | <0.5 | 2 | 4 | 38 | 2 | 1.28 | 6 | <1 | <5 | <1 |
| 93BCW0141dup | <2 | <5 | 2.3 | 690 | 1.8 | 2 | 5 | 55 | 2 | 1.75 | 6 | <1 | <5 | <1 |
| 93BCW0154dup | <2 | <5 | 20 | 680 | <0.5 | <5 | 12 | 87 | 3 | 3.02 | 6 | <1 | <5 | 2 |
| 93BCW0187dup | 5 | <5 | 5.4 | 660 | 3 | <5 | 6 | 48 | 2 | 1.59 | 7 | <1 | <5 | <1 |
| 93BCW0183dup | 4 | <5 | 3.4 | 550 | <0.5 | 1 | 4 | 45 | 2 | 1.38 | 7 | <1 | <5 | <1 |
| 93DU0501dup | <2 | <5 | 12 | 510 | 2.9 | 2 | 6 | 47 | 1 | 1.69 | 8 | <1 | <5 | 2 |
| 93DU0521dup | <2 | <5 | 4.6 | 540 | 4 | 2 | 4 | 45 | 2 | 1.28 | 7 | <1 | <5 | <1 |
| 93DU0532dup | 3 | <5 | 11 | 250 | 2.3 | <5 | 4 | 38 | 2 | 1.15 | 7 | <1 | <5 | <1 |
| 93DU0542dup | 5 | <5 | 7.1 | 350 | 2.6 | 2 | 3 | 32 | 2 | 1.09 | 6 | <1 | <5 | <1 |
| 93DU0560dup | <2 | <5 | 6.4 | 390 | 2.7 | <5 | 6 | 43 | 2 | 1.38 | 7 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|--------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93DU0689 | 1.98 | <20 | 58 | 0.2 | 8.4 | <3 | <100 | <500 | <0.5 | 7.9 | 2.8 | <1 | <50 | 28 |
| 93DU0690 | 1.95 | <20 | 68 | 0.025 | 9.6 | <3 | <100 | <500 | <0.5 | 11.0 | 4.7 | <1 | 53 | 37 |
| 93DU0691 | 1.84 | <20 | 68 | 0.025 | 12.0 | <3 | <100 | <500 | <0.5 | 9.5 | 3.9 | <1 | 75 | 37 |
| 93DU0693 | 1.92 | <20 | 62 | 0.025 | 8.9 | <3 | <100 | <500 | <0.5 | 7.5 | 2.5 | <1 | <50 | 28 |
| 93DU0695 | 1.94 | <20 | 59 | 0.025 | 10.0 | <3 | <100 | <500 | <0.5 | 8.2 | 3.4 | <1 | 71 | 32 |
| 93DU0696 | 1.91 | <20 | 79 | 0.025 | 9.4 | <3 | <100 | <500 | <0.5 | 6.8 | 3.0 | <1 | <50 | 26 |
| 93DU0698 | 2.02 | <20 | 66 | 0.025 | 6.1 | <3 | <100 | <500 | <0.5 | 8.5 | 2.3 | 2 | <50 | 31 |
| 93DU0699 | 1.96 | <20 | 65 | <0.1 | 7.5 | <3 | <100 | <500 | <0.5 | 7.5 | 2.3 | <1 | 51 | 29 |
| 93DU0700 | 2.08 | <20 | 77 | 0.2 | 7.5 | <3 | <100 | <500 | 1.4 | 9.1 | 2.3 | <1 | <50 | 34 |
| 93DU0701 | 1.9 | <20 | 75 | 0.025 | 7.2 | <3 | <100 | <500 | 0.8 | 8.1 | 2.6 | <1 | 91 | 29 |
| 93DU0702 | 1.94 | <20 | 79 | 0.025 | 7.5 | <3 | <100 | <500 | 1.1 | 7.1 | 2.3 | <1 | 53 | 24 |
| 93DU0703 | 1.98 | <20 | 62 | 0.2 | 10.0 | <3 | <100 | <500 | <0.5 | 6.5 | 2.1 | <1 | <50 | 28 |
| 93DU0704 | 1.98 | <20 | 79 | 0.025 | 8.4 | <3 | <100 | <500 | 1.4 | 8.0 | 3.7 | <1 | <50 | 27 |
| 93DU0705 | 1.92 | <20 | 76 | 0.025 | 8.2 | <3 | <100 | <500 | <0.5 | 7.4 | 2.7 | <1 | 100 | 28 |
| 93BCW0001dup | 2.16 | <20 | 29 | <0.1 | 6.6 | <3 | <100 | 670 | <0.5 | 8.1 | 2.7 | <1 | <50 | 31 |
| 93BCW0022dup | 1.97 | <20 | 71 | <0.1 | 7.6 | <3 | <100 | <500 | <0.5 | 8.0 | 3.2 | <1 | <50 | 29 |
| lab standard | 2.05 | <20 | 55 | 3.2 | 11.0 | <3 | <100 | <500 | <0.5 | 6.3 | 1.0 | <1 | <50 | 29 |
| 93BCW0042dup | 2.31 | 120 | 35 | 0.2 | 5.6 | <3 | <100 | 630 | 1.1 | 10.0 | 3.4 | <1 | <50 | 39 |
| 93BCW0053dup | 2.01 | <20 | 47 | 0.2 | 8.4 | <3 | <100 | <500 | 1.9 | 14.0 | 4.7 | <1 | 58 | 49 |
| 93BCW0054dup | 1.98 | <20 | 43 | <0.1 | 5.9 | <3 | <100 | <500 | <0.5 | 8.8 | 2.4 | <1 | <50 | 31 |
| 93BCW0082dup | 1.97 | <20 | 63 | 0.2 | 7.3 | <3 | <100 | <500 | 1 | 12.0 | 3.8 | 2 | <50 | 39 |
| 93BCW0091dup | 1.95 | 72 | 79 | 0.2 | 7.2 | <3 | <100 | <500 | <0.5 | 10.0 | 3.4 | <1 | <50 | 39 |
| 93BCW0103dup | 1.71 | <20 | 57 | <0.1 | 10.0 | <3 | <100 | <500 | 0.8 | 8.6 | 5.3 | <1 | 76 | 33 |
| lab standard | 1.91 | <20 | 59 | 2.9 | 10.0 | <3 | <100 | <500 | <0.5 | 5.7 | 1.2 | <1 | <50 | 26 |
| 93BCW0115dup | 2.06 | <20 | 59 | 0.2 | 6.2 | <3 | <100 | <500 | <0.5 | 8.5 | 2.3 | <1 | <50 | 30 |
| 93BCW0131dup | 2.06 | <20 | 48 | <0.1 | 5.2 | <3 | <100 | <500 | <0.5 | 9.2 | 2.7 | <1 | <50 | 31 |
| 93BCW0141dup | 1.82 | <20 | 98 | <0.1 | 7.2 | <3 | <100 | <500 | 0.9 | 6.4 | 1.6 | <1 | <50 | 26 |
| 93BCW0154dup | 1.65 | <20 | 59 | 0.4 | 11.0 | <3 | <100 | <500 | <0.5 | 7.1 | 1.9 | <1 | 100 | 26 |
| 93BCW0187dup | 2.03 | <20 | 73 | <0.1 | 6.5 | <3 | <100 | <500 | <0.5 | 8.4 | 2.7 | <1 | 62 | 30 |
| 93BCW0183dup | 2.01 | <20 | 62 | <0.1 | 5.9 | <3 | <100 | <500 | <0.5 | 8.2 | 2.1 | <1 | 57 | 33 |
| 93DU0501dup | 2.29 | 160 | 7 | 0.025 | 6.5 | <3 | <100 | <500 | <0.5 | 10.0 | 2.9 | <1 | 111 | 36 |
| 93DU0521dup | 2.29 | <31 | 7 | 0.025 | 5.4 | <3 | <100 | <500 | <0.5 | 11.0 | 2.9 | <1 | <50 | 37 |
| 93DU0532dup | 2.36 | <31 | 63 | 0.025 | 4.6 | <3 | <100 | <500 | <0.5 | 10.0 | 3.3 | 2 | <50 | 35 |
| 93DU0542dup | 2.34 | <31 | 41 | 0.025 | 4.3 | <3 | <100 | <500 | <0.5 | 9.9 | 3.1 | <1 | <50 | 33 |
| 93DU0560dup | 2.44 | <32 | 78 | 0.025 | 5.6 | <3 | <100 | <500 | <0.5 | 12.0 | 3.8 | <1 | <50 | 45 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|--------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93DU0689 | 62 | 25 | 5 | 1.2 | 0.6 | 2.0 | 0.32 | 32.36 |
| 93DU0690 | 79 | 33 | 6.1 | 1.3 | 0.9 | 2.1 | 0.34 | 29.59 |
| 93DU0691 | 78 | 36 | 6.5 | 1.5 | 0.9 | 2.2 | 0.36 | 29.92 |
| 93DU0693 | 66 | 27 | 4.9 | 1.2 | <0.5 | 1.8 | 0.29 | 34.19 |
| 93DU0695 | 71 | 32 | 5.7 | 1.4 | <0.5 | 2.0 | 0.35 | 28.8 |
| 93DU0696 | 59 | 25 | 4.6 | 1.2 | <0.5 | 1.8 | 0.28 | 30.93 |
| 93DU0698 | 65 | 25 | 5.2 | 1.2 | 0.5 | 1.8 | 0.31 | 34.92 |
| 93DU0699 | 62 | 24 | 4.8 | 1.2 | <0.5 | 1.9 | 0.29 | 35.57 |
| 93DU0700 | 76 | 33 | 5.7 | 1.2 | 0.6 | 2.0 | 0.36 | 31.05 |
| 93DU0701 | 65 | 26 | 5 | 1.1 | 0.6 | 1.9 | 0.31 | 35.16 |
| 93DU0702 | 53 | 23 | 4.2 | 1.1 | <0.5 | 1.8 | 0.29 | 32.63 |
| 93DU0703 | 62 | 27 | 5 | 1.3 | 0.6 | 1.9 | 0.28 | 31.36 |
| 93DU0704 | 61 | 25 | 4.6 | 1.1 | <0.5 | 1.9 | 0.30 | 34.74 |
| 93DU0705 | 60 | 26 | 4.7 | 1.1 | 0.6 | 1.8 | 0.31 | 30.44 |
| 93BCW0001dup | 68 | 24 | 4.9 | 1.2 | <0.5 | 1.9 | 0.34 | 33.11 |
| 93BCW0022dup | 63 | 22 | 4.6 | 1.2 | 0.5 | 2.0 | 0.32 | 31.28 |
| lab standard | 58 | 24 | 4.6 | 1.4 | 0.7 | 2.2 | 0.36 | 33.45 |
| 93BCW0042dup | 85 | 37 | 6 | 1.4 | 0.8 | 2.2 | 0.36 | 30.87 |
| 93BCW0053dup | 110 | 45 | 7.7 | 1.6 | 0.9 | 2.7 | 0.37 | 32.14 |
| 93BCW0054dup | 65 | 26 | 4.7 | 1.1 | <0.5 | 1.8 | 0.31 | 33.86 |
| 93BCW0082dup | 89 | 32 | 6.4 | 1.4 | <0.5 | 2.1 | 0.32 | 32.04 |
| 93BCW0091dup | 84 | 33 | 6 | 1.4 | <0.5 | 2.2 | 0.38 | 33.16 |
| 93BCW0103dup | 71 | 31 | 5.3 | 1.3 | <0.5 | 1.8 | 0.36 | 27.22 |
| lab standard | 55 | 25 | 4.1 | 1.2 | 0.5 | 2.0 | 0.35 | 35.46 |
| 93BCW0115dup | 68 | 24 | 4.9 | 1.3 | 0.6 | 1.8 | 0.29 | 31.58 |
| 93BCW0131dup | 70 | 27 | 5.1 | 1.2 | <0.5 | 2.0 | 0.29 | 30.86 |
| 93BCW0141dup | 57 | 22 | 4.1 | 1.1 | 0.5 | 1.8 | 0.30 | 27.8 |
| 93BCW0154dup | 58 | 23 | 4.1 | 1.2 | <0.5 | 1.8 | 0.29 | 31.37 |
| 93BCW0187dup | 67 | 25 | 4.8 | 1.2 | 0.6 | 1.9 | 0.33 | 32.11 |
| 93BCW0183dup | 69 | 30 | 5 | 1.2 | 0.6 | 2.0 | 0.35 | 32.57 |
| 93DU0501dup | 69 | 23 | 5.1 | 1.2 | 0.8 | 2.4 | 0.31 | 31.4 |
| 93DU0521dup | 68 | 27 | 5 | 1.3 | 0.9 | 2.0 | 0.31 | 32.24 |
| 93DU0532dup | 68 | 23 | 5 | 1.3 | 0.5 | 1.9 | 0.27 | 33.5 |
| 93DU0542dup | 63 | 25 | 4.7 | 1.2 | <0.5 | 1.7 | 0.26 | 31.7 |
| 93DU0560dup | 85 | 34 | 6.2 | 1.4 | <0.5 | 2.2 | 0.34 | 32.18 |

3. INAA(<63μm)

| Sample | Au ppb | Ag ppm | As ppm | Ba ppm | Br ppm | Ca % | Co ppm | Cr ppm | Cs ppm | Fe % | Hf ppm | Hg ppm | Ir ppm | Mo ppm |
|--------------|--------|--------|--------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|--------|
| 93DU0577dup | 9 | <5 | 8 | 350 | <0.5 | 1 | 5 | 54 | 3 | 1.63 | 8 | <1 | <5 | <1 |
| lab standard | 171 | <5 | 7.7 | 580 | 3 | 1 | 9 | 61 | 2 | 2.45 | 8 | <1 | <5 | <1 |
| 93DU0578dup | 40 | <5 | 9.9 | 520 | 2.9 | 1 | 5 | 47 | 2 | 1.25 | 6 | <1 | <5 | <1 |
| 93DU0598dup | <2 | <5 | 9.7 | 380 | 2.7 | <5 | 4 | 44 | 2 | 1.42 | 7 | <1 | <5 | <1 |
| 93DU0636dup | <2 | <5 | 1.3 | 580 | 2.9 | <5 | 4 | 39 | 4 | 1.44 | 7 | <1 | <5 | <1 |
| 93DU0654dup | 5 | <5 | 15 | 510 | 1.9 | 1 | 9 | 72 | 2 | 2.29 | 7 | <1 | <5 | <1 |
| lab standard | 188 | <5 | 7.5 | 610 | 2.2 | 1 | 9 | 63 | 2 | 2.48 | 8 | <1 | <5 | <1 |
| 93DU0676dup | <2 | <5 | 2.6 | 580 | 2.4 | 2 | 8 | 59 | 2 | 2.09 | 7 | <1 | <5 | <1 |
| 93DU0679dup | <2 | <5 | 4.2 | 430 | 1.1 | 2 | 6 | 48 | 2 | 1.44 | 6 | <1 | <5 | <1 |
| 93DU0683dup | <2 | <5 | 5.5 | 450 | 1.5 | <5 | 6 | 46 | 2 | 1.39 | 6 | <1 | <5 | <1 |
| 93DU0684dup | 5 | <5 | 3.9 | 580 | 2.2 | 2 | 6 | 54 | 2 | 1.58 | 7 | <1 | <5 | <1 |
| 93DU0703dup | 2 | <5 | 9 | 640 | <0.5 | 2 | 9 | 88 | 3 | 2.59 | 6 | <1 | <5 | <1 |
| lab standard | 166 | <5 | 6.6 | 570 | 2.2 | <5 | 9 | 54 | -1 | 2.27 | 6 | <1 | <5 | <1 |

3. INAA(<63μm)

| Sample | Na % | Ni ppm | Rb ppm | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | W ppm | Zn ppm | La ppm |
|--------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 93DU0577dup | 2.37 | <33 | 64 | 0.025 | 6.8 | <3 | <100 | <500 | <0.5 | 12.0 | 4.0 | <1 | <50 | 46 |
| lab standard | 2.03 | <31 | 70 | 3 | 11.0 | <3 | <100 | <500 | <0.5 | 6.5 | 2.5 | <1 | 68 | 29 |
| 93DU0578dup | 2.24 | <30 | 46 | 0.025 | 5.0 | <3 | <100 | <500 | <0.5 | 11.0 | 2.9 | <1 | <50 | 37 |
| 93DU0598dup | 2.36 | <31 | 56 | 0.025 | 5.3 | <3 | <100 | <500 | <0.5 | 11.0 | 3.3 | <1 | <50 | 39 |
| 93DU0636dup | 2.18 | <30 | 130 | 0.025 | 6.1 | <3 | <100 | <500 | 1.9 | 8.0 | 3.9 | <1 | 87 | 23 |
| 93DU0654dup | 2 | <31 | 81 | 0.2 | 9.0 | <3 | <100 | <500 | <0.5 | 7.1 | 2.9 | <1 | 61 | 28 |
| lab standard | 2.16 | <26 | 54 | 3.3 | 11.0 | <3 | <100 | <500 | <0.5 | 6.5 | 1.6 | <1 | <50 | 31 |
| 93DU0676dup | 2.04 | <24 | 62 | 0.025 | 7.8 | <3 | <100 | <500 | 1 | 6.7 | 2.4 | <1 | <50 | 27 |
| 93DU0679dup | 2.21 | <23 | 81 | 0.025 | 6.0 | <3 | <100 | <500 | <0.5 | 7.1 | 2.3 | <1 | <50 | 27 |
| 93DU0683dup | 2.17 | <23 | 47 | 0.025 | 5.7 | <3 | <100 | <500 | 1.1 | 8.0 | 3.2 | <1 | 63 | 31 |
| 93DU0684dup | 2.14 | <24 | 48 | 0.025 | 6.5 | <3 | <100 | <500 | <0.5 | 8.3 | 3.1 | <1 | <50 | 34 |
| 93DU0703dup | 2 | <24 | 49 | 0.025 | 9.9 | <3 | <100 | <500 | <0.5 | 7.6 | 2.8 | 1 | <50 | 29 |
| lab standard | 2.05 | <24 | 42 | 3 | 10.0 | <3 | <100 | <500 | <0.5 | 5.7 | 1.2 | <1 | 52 | 27 |

3. INAA(<63μm)

| Sample | Ce ppm | Nd ppm | Sm ppm | Eu ppm | Tb ppm | Yb ppm | Lu ppm | Mass gm |
|--------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 93DU0577dup | 85 | 38 | 6.4 | 1.4 | <0.5 | 1.9 | 0.35 | 31.89 |
| lab standard | 49 | 24 | 4 | 1.3 | <0.5 | 2.0 | 0.31 | 33.43 |
| 93DU0578dup | 71 | 28 | 5.2 | 1.2 | 0.7 | 1.8 | 0.30 | 33.73 |
| 93DU0598dup | 74 | 28 | 5.4 | 1.2 | <0.5 | 1.9 | 0.28 | 34.96 |
| 93DU0636dup | 43 | 18 | 3.2 | 0.9 | <0.5 | 1.6 | 0.23 | 32.96 |
| 93DU0654dup | 50 | 20 | 3.9 | 1.1 | 0.6 | 1.9 | 0.25 | 31.24 |
| lab standard | 55 | 21 | 4.3 | 1.2 | <0.5 | 2.2 | 0.30 | 30.99 |
| 93DU0676dup | 53 | 19 | 3.9 | 1.1 | <0.5 | 1.8 | 0.27 | 31.73 |
| 93DU0679dup | 50 | 22 | 3.9 | 1.1 | <0.5 | 1.7 | 0.26 | 32.54 |
| 93DU0683dup | 54 | 22 | 4.2 | 1.1 | 0.7 | 1.9 | 0.28 | 32.11 |
| 93DU0684dup | 61 | 26 | 4.5 | 1.2 | <0.5 | 1.9 | 0.28 | 32.34 |
| 93DU0703dup | 56 | 21 | 4.3 | 1.1 | <0.5 | 1.8 | 0.29 | 32.03 |
| lab standard | 46 | 15 | 3.8 | 1.1 | 0.9 | 1.9 | 0.28 | 33.14 |